

CATALOGUE

SEPTEMBER 2023

PASSENGER
CARS



LIGHT
COMMERCIAL
VEHICLE



MOTOR
CYCLES



VR1
RACING



HYBRID



THE ORIGINAL MOTOR OIL



TRUSTED FOR 150 YEARS



DRIVEN BY MORE



OFFICIAL LUBRICANT PARTNER



VALVOLINE GLOBAL JOINS AMF1 TEAM AS ITS OFFICIAL LUBRICANT PARTNER

Aston Martin Aramco Cognizant Formula One® Team (AMF1 Team) and Valvoline – two brands rich in motorsport history – have announced a long-term technical and brand partnership. Valvoline Global was announced as AMF1 Team’s Official Lubricant Partner at the Aramco British Grand Prix at Silverstone (July 2023), where the AMR23 cars of Fernando Alonso and Lance Stroll carried the iconic Valvoline brand colours for the first time, via a special one off livery.

The AMF1 Team and Valvoline Global will work closely together to develop Valvoline products that will enhance the performance and success of the AMF1 Team. This will also benefit the Valvoline brand’s global reach and development of future products to help drive the automotive world forward toward a more sustainable future.

As one of the original motorsport sponsors and creator of the first-ever racing oil, the Valvoline brand has always brought innovative products and solutions to the racetrack. Further, with more than 250 years of combined heritage and expertise, the AMF1 Team and Valvoline Global share a mutual passion to invent, challenge, and win – on and off the track.

“The Aston Martin Aramco Cognizant F1 Team and Valvoline Global are both driven by more – driven by the desire not just to win but to go even further,” said Jamal Muashsher, CEO, Valvoline Global. “This is the start of a powerful, dynamic partnership. We are excited to be part of the team’s journey, and we look forward to our shared successes and innovation.”

“Everyone at the Aston Martin Aramco Cognizant F1 Team is delighted to welcome Valvoline Global as our Official Lubricant Partner,” said Mike Krack, Team Principal, AMF1.

“From this weekend’s British GP, Valvoline Global will provide race-proven lubricants for our AMR23 to help drive performance. This long-term partnership with Valvoline Global will also benefit our new works power unit partnership with Honda from 2026 with bespoke lubricants.” The Valvoline brand partnership launched with a special one-off livery during the Aramco British Grand Prix and then continues with prominent on-car branding for the rest of the 2023 season.

ABOUT ASTON MARTIN ARAMCO COGNIZANT FORMULA ONE® TEAM

The legendary Aston Martin marque first raced in Formula One in 1959 and returned to the sport in 2021 under the leadership of Canadian entrepreneur Lawrence Stroll. With a team of passionate people at its heart, and a talented squad of drivers – including double World Champion Fernando Alonso and Canada’s Lance Stroll – this is a team with both a rich heritage and a fresh perspective. Alongside collaborative and strategic partners, the Silverstone-based team is bringing new energy to the sport with a determination to shake up the order and compete at the sharp end.



ABOUT VALVOLINE™ GLOBAL OPERATIONS

Valvoline Global is a worldwide leader in automotive and industrial solutions, creating future-ready products and best-in-class services for partners around the globe. Established in 1866, the company introduced the world’s first branded motor oil and developed strong brand recognition and customer satisfaction ratings across multiple product channels. With sales in more than 140 countries and territories, Valvoline Global’s solutions are available for every engine and drivetrain, including high-mileage and heavy-duty vehicles, offered at more than 80,000 locations. Valvoline Global is powering the future of mobility through innovative solutions for vehicles with electric, hybrid and internal combustion powertrains – and the company will continue to solve for global automotive and industrial challenges as it moves forward. To learn more, visit [ValvolineGlobal.com](https://www.valvolineglobal.com).

PERFORM TIMELY MAINTENANCE TO OPTIMIZE RELIABILITY & EFFICIENCY

BRAKE & CLUTCH FLUID ~1,15L

Preserve safe driving capabilities

ENGINE OIL ~4L-5L

15 000km - 35 000 km / 12 months
Avoid wear, breakdown & costly repairs

SERVICE ADDITIVES

Regular usage benefits to
maintain performance

ADBLUE (DIESEL) ~12L

Vehicle dashboard warning light
will notify once you need to refill

ANTIFREEZE COOLANT ~6L

30 000 km - 250 000 km
Remain cool & keep components
in condition

DRIVELINE OIL ~2L

Keep moving smooth & comfortably

WINDSCREEN WASHER ~10-15L

Depends on consumption

TABLE OF CONTENTS



ENGINE OILS

Protection	6
OEM certification	9
OEM approval list	10
VR1™ Racing	12
Hybrid Vehicle	14
SynPower™	16
MaxLife™	24
All-Climate™	28

DRIVELINE

ATF Hybrid	32
ATF Pro	34
ATF Synthetic & DCT	35
Axle	36
Gear	37
Total Driveline	37
	38

ANTIFREEZE COOLANTS (AFC)

HT-12™ Pink & Green	40
OEM Advanced 40 & 48	42
Multi-Vehicle Coolants	42
	44

SERVICE CHEMICALS

Cooling System	46
Diesel System	48
Engine Oil	48
Petrol System	49
Automatic Transmission	49

TECHNICAL SPRAYS

Protection	50
Lubrication	51
Cleaning	52
Tool	54
Assembly	57
Car care	58
	59



MOTORCYCLE OIL & PRODUCTS

Four-stroke	60
Two-stroke	62
Air Filter Products & Fork Oils	63
	64



SPECIALITY OILS & FLUIDS

Speciality fluids	66
Lawnmower & Chainsaw Oil	68
Outboard Oils	68
Snowmobile Oil 2T	68
Synpower Steering Fluids & Screenwasher	69
Brake & Clutch Fluids	69



WORKSHOP UTILITIES

GLOSSARY

	70
	74

ENGINE OILS



Engine oil is an essential fluid for all vehicle types, vital to the health and performance of the engine.

Here at Valvoline, we invented our engine oil 150 years ago, and we've been reinventing it ever since. The innovativeness and quality of our engine oils meet and exceed the latest standards and requirements of leading gasoline and diesel engine manufacturers.

Our premium quality lubricants are a reflection of our dedication and passion for extracting the best performance from each car. Not only has this passion been recognized and trusted by millions of users in more than 140 countries, but also by major engine manufacturers around the globe.

We created partnerships and used our innovative oil and additive technologies to design new products to boost engine performance, elevate engine and engine part protection, reduce downtime, and improve fuel efficiency.

TYPES AND APPLICATIONS

Depending on the base oil, engine oils can be synthetic, semi-synthetic, or mineral. Valvoline engine oils are formulated with the highest-quality base oils and performance-enhancing additives. All motor oils from our offer ensure outstanding performance, minimum downtime, and superior protection even during

the most demanding working conditions. The Valvoline selection of motor oils is specifically designed for a wide range of engines. It includes **light- and heavy-duty, motorcycle, ATV, passenger car, racing, and recreational marine oils.** With these high-performance oils, we are living up to our name and give our motorcycles, cars, and drivers the best chances of success in every race.

BENEFITS

Valvoline engine oils play multiple roles for an engine to run spotlessly. They lubricate the engine parts and minimize friction, reducing wear and tear. Additionally, they have outstanding cleaning properties, seal pistons and cylinders, supplement the coolant, and reduce the risk of corrosion.

These features of Valvoline motor oil benefit your engine in multiple ways, including:

- Extending the lifespan of the engine
- Ensuring proper running of the engine
- Decreasing fuel consumption
- Minimizing CO2 emissions
- Reducing costly repairs

Valvoline keeps innovating, creating, and reinventing formulas for racing, high-mileage vehicles, synthetics, and other applications. These high-quality fluids are engineered to extend engine life and provide results you can count on.

Always check the owner's manual for the correct oil specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



NEW LABEL, SAME QUALITY

OVER THE COMING MONTHS VALVOLINE'S 1L, 4L, 5L AND 20L LABELS WILL CHANGE. THIS CHANGE WILL PROVIDE GREATER CONSISTENCY BETWEEN PACKAGING, PRODUCT INFORMATION SHEETS AND OTHER MARKETING MATERIALS SUCH AS CATALOGUE.



OEM CERTIFICATION: WHAT DOES IT MEAN?

Generally speaking, all engine oils have the same purpose. Their main task is to lubricate the moving parts of the engine, reduce friction, and protect engine components from wear and tear. They also have heat dissipation and cooling properties.

However, that does not mean that all engine oil formulas are identical. Each engine is created differently and, as such, requires the right oil formula to operate as expected. That includes, for example, a specific oil viscosity, temperature stability, and compatibility with its sealing materials. That is why the base oils and additives used in the engine oil formula are immensely important. One of the major factors you should consider when choosing the right lubricant for your engine is OEM specifications and approvals. What does that mean? Let's find out!

WHAT ARE ENGINE OIL SPECIFICATIONS?

To help customers choose the lubricants for their vehicles and extend their lifecycles, many institutions have established oil quality and performance standards. One of the most famous ones is the American Petroleum Institute (API) service classification. It primarily applies to the lubricants created for vehicles designed in North America and Asia. Vehicles produced in Europe typically comply with ACEA European Oil Sequences. They represent a different set of standards, set by the European Automobile Manufacturers' Association (ACEA). Japanese Automotive Standards Organization (JASO) is a set of engine lubrication standards for vehicles manufactured in Japan. Lubricant manufacturers qualify their oils by passing laboratory and engine tests defined for each classification. Engine oils that have passed one or more of these performance tests are further classified by the manufacturer and claim to provide the baseline protection for a vast number of engines.

OEM SPECIFICATIONS

Additionally, most OEMs provide their own lubricant specifications for their vehicles. Some of them are:

- Volkswagen: VW 501 01, VW 501 00, VW 503 00, etc.
- Porsche: A40, C30
- Mercedes Benz: MB-Approval 226.5, MB-Approval 229.3, MB-Approval 229.71, etc.
- BMW: BMW Longlife -01, BMW Longlife - 12 FE, etc.
- Ford: WSS-M2C 913-D, WSS-M2C 937-A, WSS-M2C 952-A1, etc.
- Opel: GM-LL-A-025, OV0401547, dexos2™, etc.
- Peugeot: B71 2290, B71 2295, etc.
- Renault: RN0700, RN17 RSA, etc.
- Fiat: 9.55535 DS1., 9.55535 M2, etc.

Such OEM requirements make sense since the original equipment manufacturer understands the requirements of the engine the best.

OEM-APPROVED LUBES VS. OILS THAT MEET OEM REQUIREMENTS

When engine oil meets OEM requirements, that simply means that the oil is created according to the OEM specifications provided. In other words, the lubricant formula complies with the OEM's specific tests and specifications. However, just because the lubricant meets OEM requirements does not mean it is OEM-approved. Once the lubricant is engineered according to the official OEM specifications, the manufacturer can submit it for official approval by the original equipment manufacturer. The OEM performs thorough laboratory tests to ensure the lubricant has the specifications in the information sheet. After a detailed lube inspection, the original equipment manufacturer provides official approval.

WHY IS IT IMPORTANT TO USE OEM-APPROVED OILS?

Extensive lubricant testing represents the major difference between oils that meet OEM standards and those that are approved by original equipment manufacturers. Therefore, the claim that the product "meets industry standards" is a far weaker quality and performance indicator compared to the official approval by the original engine manufacturer.

Official approval by the OEM demonstrates lubricant quality and reliability. That means that the lubricant manufacturer produces products that comply with the highest OEM standards and invests in detailed laboratory tests.



OEM	PRODUCT NAME	ACEA	API	ILSAC	OEM APPROVAL	MEETS THE REQUIREMENTS OF
	SynPower MST C5 0W-20	C6, C5	SP, SP-RC	GF-6A	BMW LL-17FE+	BMW LL-14FE+
	SynPower XL-III C3 0W-30	C3			BMW LL-04	
	SynPower XL-III C3 5W-30	C3	SN		BMW LL-04	
	SynPower MST C3 5W-30	C2, C3	SN, CF			BMW LL-04
	SynPower MST C3 5W-40	C3	SN, SM, CF			BMW LL-04
	SynPower 5W-30	A3/B4	SL			BMW LL-01
	SynPower 0W-40	A3/B4	SP		BMW LL-01 FE	

	SynPower MST C5 0W-20	C6, C5	SP, SP-RC	GR-6A	Approvals not issued by Chrysler	Chrysler MS-12145
--	-----------------------	--------	-----------	-------	----------------------------------	-------------------

	SynPower MST C5 0W-20	C6, C5	SP, SP-RC	GF-6A	"Approvals not issued by the Fiat Group"	Fiat 9.55535.-GSX and -DSX
	SynPower XL-III C3 5W-30	C3	SN			Fiat 9.55535.S3
	SynPower MST C4 5W-30	C4				Fiat 9.55535.S4
	SynPower MST C3 5W-40	C3	SN, SM, CF			Fiat 9.55535.S2
	SynPower MST C3 5W-40	C3	SN, SM, CF			Fiat 9.55535.S2
	SynPower MST C3 5W-30	C2, C3	SN, CF			Fiat 9.55535.S3
	SynPower ENV C2 5W-30	C2				Fiat 9.55535.S1
	SynPower 10W-40	A3/B4, A3/B3	SM, SN/CF			Fiat 9.55535.G2 or D2
	SynPower 5W-30	A3/B4	SL			Fiat 9.55535.G1
	VR1 Racing 10W-60	A3/B4	SL			Fiat 9.55535.H3
	SynPower 5W-40	A3/B4, A3/B3	SN, CF			Fiat 9.55535.N2 or Z2
SynPower 0W-40	A3/B4	SP			Fiat 9.55535.M2, N2 or Z2	

	SynPower FE 5W-20	C5, A1/B1	SN PLUS RC	GF-5		Ford WSS-M2C948-A/B
	SynPower 0W-40	A3/B4	SP			Ford WSS-M2C937-A
	SynPower FE 5W-30	A5/B5, A7/B7	SP		Ford WSS-M2C913-D	Ford WSS-M2C913-A/B/C
	SynPower MST C5 0W-20	C6, C5	SP, SP-RC	GF-6A		Ford WSS-M2C962-A1, WSS-M2C947-B1
	SynPower MST FE C6 0W-20	C6, C5	SP, SN PLUS	GF-6A	Ford WSS-M2C952-A1	
	SynPower MST C3 5W-40	C3	SN, SM, CF			Ford WSS-M2C917-A
	"VR1 Racing 20W-50 / 10W-60 / 5W-50"	A3/B4	SL			Ford WSS-M2C153-E

	SynPower DX1 0W-20		SP, SP-RC, SN	GF-6	GM dexos1™ Gen3	
	SynPower DX1 5W-30		SP, SP-RC, SN	GF-6A	GM dexos1™ Gen3	
	SynPower MST C3 5W-40	C3	SN, SM, CF		GM dexos2™	
	SynPower MST C3 5W-30	C3	SN, CF		GM dexos2™	
	SynPower MST FE C6 0W-20	C6, C5	SP, SN PLUS	GF-6A	GM dexos D	
	SynPower 5W-40	A3/B4, A3/B3	SN, CF			GM LL-A-025, LL-B-025
	SynPower 5W-30	A3/B4	SL			
VR1 Racing 20W-50 / 10W-60	A3/B4	SL			GM 6094M	
VR1 Racing 5W-50	A3/B4	SL			GM 6094M	

	Please consult the Valvoline lubricant advisor https://valvoline-eu.lubricantadvisor.com or download the application via	✓	✓			These OEM's follow industry specifications API and ACEA only
--	--	---	---	--	--	--

	SynPower JL C5 0W-20	C5			STJLR.51.5122	
	SynPower FE 5W-20	C5, A1/B1	SN PLUS RC	GF-5		STJLR.03.5004
	SynPower FE 5W-30	A5/B5, A7/B7	SP			STJLR.03.5003
	SynPower MST C5 0W-20	C5	SP, SP-RC	GF-6A		STJLR.03.5006-16
SynPower MST FE C6 0W-20	C6, C5	SP, SN PLUS	GF-6A		STJLR.03.5006	

HYBRID

	PRODUCT NAME	ACEA	API	OEM APPROVAL	MEETS THE REQUIREMENTS OF
INTELLIGENT FLUID TECHNOLOGY	Hybrid C5 0W-20	C5	SP, SN		MB-229.71
	Hybrid C3 5W-30	C3	SP, SN		MB-229.31, 229.51
	Hybrid C2 5W-30	C2	SP, SN		

OEM	PRODUCT NAME	ACEA	API	ILSAC	OEM APPROVAL	MEETS THE REQUIREMENTS OF
	SynPower MST C5 0W-20	C6, C5	SP, SP-RC	GF-6A	MB-Approval 229.71	MB-229.72
	SynPower MST C3 5W-30	C2, C3	SN, CF		MB-Approval 229.52, 229.51, 229.31	
	SynPower MST C3 5W-40	C3	SN, SM, CF		MB-Approval 229.51	MB-226.5, 229.31
	SynPower XL-III C3 0W-30	C3			MB-Approval 229.52, 229.51	MB-229.31
	SynPower XL-III C3 5W-30	C3	SN		MB-Approval 229.51	MB-229.31
	SynPower MST C4 5W-30	C4			MB-Approval 226.51	
	SynPower MST FE C6 0W-20	C6, C5	SP, SN PLUS	GF-6A	MB-Approval 229.71	
	SynPower 5W-30	A3/B4	SL		MB-Approval 229.5	MB-229.3, 226.5
	SynPower 0W-40	A3/B4	SP		MB-Approval 229.5	MB-226.5, 229.3
	SynPower 5W-40	A3/B4, A3/B3	SN, CF			MB-229.3
	SynPower 10W-40	A3/B4, A3/B3	SM, SN/CF			MB-229.3
	SynPower FE 0W-30	A5/B5, A7/B7	SP			MB-229.6
	SynPower RNO C3 5W-30	C3	SN			MB-Approval 226.52
SynPower JL C5 0W-20	C5			MB-Approval 226.71		

	SynPower MST C5 0W-20	C6, C5	SP, SP-RC	GF-6A	OV0401547	
	SynPower MST C3 5W-30	C2, C3	SN, CF		GM dexos2™	
	SynPower MST FE C6 0W-20	C6, C5	SP, SN PLUS	GF-6A	OV0401547-A20	

	SynPower XL-IV C5 0W-20	C5	SN PLUS, SN		Porsche C20	
	SynPower XL-III C3 5W-30	C3			Porsche C30	
	SynPower XL-III C3 0W-30	C3			Porsche C30	
	SynPower MST C3 5W-40	C3	SN, SL			Porsche A40
	SynPower 5W-40	A3/B4, A3/B3	SN, CF			Porsche A40

	SynPower ENV C2 0W-30	C2			PSA B72 2312	
	SynPower ENV C2 5W-30	C2			PSA B71 2290	
	SynPower 5W-40	A3/B4, A3/B3	SN, CF			PSA B71 2296
	SynPower 10W-40	A3/B4, A3/B3	SM, SN/CF			PSA B71 2300

	SynPower RNO C3 5W-30	C3	SN		Renault RN17	
	SynPower MST C4 5W-30	C4			Renault RN0720	
	SynPower MST C3 5W-40	C3	SN, SM, CF		Renault RN0700/0710	
	SynPower 5W-30	A3/B4	SL			Renault RN0700/RN0710
	SynPower 5W-40	A3/B4, A3/B3	SN, CF		Renault RN0700/0710	
	SynPower 0W-40	A3/B4	SP			Renault RN0700/0710
	SynPower 10W-40	A3/B4, A3/B3	SM, SN/CF			Renault RN0700/0710
	SynPower FE 0W-30	A5/B5, A7/B7	SP			Renault RN0700
SynPower FE 5W-30	A5/B5, A7/B7	SP			Renault RN0700	

	Please consult the Valvoline lubricant advisor https://valvoline-eu.lubricantadvisor.com or download the application via	✓	✓			These OEM's follow industry specifications API and ACEA only
--	--	---	---	--	--	--

	SynPower XL-IV C5 0W-20	C5	SN PLUS, SN		VW 508 00/509 00	VW TL 52577
	SynPower XL-III C3 5W-30	C3	SN PLUS, SN		VW 504 00/507 00	VW 501 01/502 00/503 01/505 00/503 00/506 00/506 01
	SynPower XL-III C3 5W-30	C3	SN PLUS, SN		VW 504 00/507 00	VW TL 521 95
	SynPower XL-III C3 0W-30	C3			VW 504 00/507 00	
	SynPower MST C3 5W-30	C2, C3	SN, CF		VW 505 00/505 01	
	SynPower MST C3 5W-40	C3	SN, SM, CF			VW 505 00/505 01
	SynPower 5W-30	A3/B4	SL			VW 502 00/505 00
	SynPower 5W-40	A3/B4, A3/B3	SN, CF			VW 502 00/505 00
SynPower 0W-40	A3/B4	SP			VW 502 00/505 00	
SynPower 10W-40	A3/B4, A3/B3	SM, SN/CF			VW 502 00/505 00	

	SynPower FE 0W-20	C5			Volvo RB 50-2AE	
	SynPower FE 0W-30	A5/B5, A7/B7	SP		Volvo 95200377	

VR1 RACING

**NEW TECHNOLOGY
NEW LABEL**



VALVOLINE VR1 Racing - specially formulated engine oil with unique molecular protection for high performance engines under high shear, high temperature, and high speed (RPM) driving conditions.

- The Winning Racing Drivers' Choice
- For High Performance Engines
- Proven Protection in Extreme Conditions

Valvoline. THE ORIGINAL MOTOR OIL
AMERICA'S FIRST MOTOR OIL BRAND.

5W-50



VR1 Racing 5W-50 SYNTHETIC

The Winning Racing Drivers' Choice. For High Performance Engines.

- ACEA A3/B4
- API SL

- Ford WSS-M2C-153E
- GM 6094M

1L	873433
4L	873434
208L	VE11918

10W-60



VR1 Racing 10W-60 SYNTHETIC

The Winning Racing Drivers' Choice. For High Performance Engines.

- ACEA A3/B4
- API SL

- Fiat 9.55535.H3
- Ford WSS-M2C-153E
- GM 6094M

1L	873338
5L	873339
208L	VE11938
BULK	873337

20W-50



VR1 Racing 20W-50 MINERAL

The Winning Racing Drivers' Choice. For High Performance Engines.

- ACEA A3/B4
- API SL

- Ford WSS-M2C-153E
- GM 6094M

1L	873431
5L	873432
208L	VE11958
BULK	873340

Always check the owner's manual for the correct oil specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



SPECIALLY DESIGNED FOR HYBRIDS

ENHANCED CORROSION & START-STOP PROTECTION



NEW LABEL
SAME QUALITY



PROTECTS AGAINST CHALLENGING ENGINE OPERATING CONDITIONS



Increased stop-start cycles



Oil not reaching proper operating temperature to deliver optimal performance and protection



Longer periods of engine and oil inactivity



Tougher EGR cycles (diesel)

PROTECTS AGAINST CHALLENGING TRANSMISSION OPERATING CONDITIONS



Oil can be in direct contact with electric motor



High temperatures



Sensitive metals and coatings in electric motor

TRUSTED FOR 150 YEARS

SCAN & LEARN

Why Valvoline Hybrid products make the difference.

www.valvolineglobal.com



NEW

HYBRID

SPECIALLY DESIGNED FOR HYBRIDS

Valvoline Hybrid Engine Oil range meets latest ACEA engine oil standards and are suitable for use in a wide range of vehicles.

Valvoline has formulated the Hybrid Vehicle range with specially engineered additives to ensure optimal lubrication and protection to meet the challenges of modern hybrid engines.



0W-20



Hybrid Vehicle C5 0W-20

Specially Designed for Hybrids. Enhanced Corrosion & Start-Stop Protection.

• ACEA C5

• MB-229.71

1L	892409
5L	892410
20L	892442
60L	896947
208L	897022
BULK	892408

5W-30



Hybrid Vehicle C3 5W-30

Specially Designed for Hybrids. Enhanced Corrosion & Start-Stop Protection.

• ACEA C3

• MB-229.51

1L	892447
5L	892448
20L	892449
60L	896949
208L	897024
BULK	892446



Hybrid Vehicle C2 5W-30

Specially Designed for Hybrids. Enhanced Corrosion & Start-Stop Protection.

• ACEA C2

1L	892443
5L	892444
20L	892445
60L	896948
208L	897023
BULK	892441

Always check the owner's manual for the correct oil specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



ENGINE OILS

SYNPOWER™

NEW LABEL
SAME QUALITY



OEM APPROVED PREMIUM GRADE SYNTHETIC ENGINE OIL

SynPower is formulated for ultimate performance and protection under all operating conditions, SynPower is designed to fulfil the latest standards of leading engine manufacturers.

- Protects Engine & Emissions System
- Maintains Fuel Efficiency & Engine Performance
- OEM Approved & Meets ACEA

 **THE ORIGINAL MOTOR OIL**
AMERICA'S FIRST MOTOR OIL BRAND.

Valvoline SynPower™ motor oil product line is the result of Valvoline's drive for innovation. Ever since its inception in 1866, Valvoline has been on the leading edge of engine oil technology. By constantly innovating and reinventing motor oil formulas for racing, high-kilometer vehicles, synthetics, and other applications, Valvoline proved its passion for extracting the best performance from each car. That is how the SynPower motor oils were created. As one of the lower viscosity (lighter) oils, Valvoline SynPower special oil formulas with friction modifiers and special additives help to improve or restore horsepower and maintain engine durability.

APPROVALS AND STANDARDS

SynPower is premium-grade engine oil that provides superior performance and is formulated to fulfill the latest standards of leading engine manufacturers. It is designed with state-of-the-art technologies to meet the demands of next-generation technology engines with reduced fuel consumption, lower emissions, and extended maintenance intervals. For more specific information certificates and performance grades, please see the Approvals and Performance level sections at the top of the respective SynPower motor oil product's information sheet available on the links below.





SYNPOWER™

OEM APPROVED PREMIUM GRADE SYNTHETIC ENGINE OIL

Formulated for ultimate performance and protection under all operating conditions, SynPower is designed to fulfil the latest standards of leading engine manufacturers.

SYNPOWER™

0W-20



SynPower MST FE C6 0W-20

Protects Engine and Emissions System. Maintains Fuel Efficiency

- ACEA C6
- ACEA C5
- API SP
- API SN PLUS
- ILSAC GF-6A
- Ford WSS-M2C952-A1
- GM dexos™D (DD25BADB103)
- Jaguar Land Rover STJLR.03.5006
- MB-Approval 229.71
- Opel/Vauxhall OV 040 1547-A20

1L	898291
4L	898841
5L	898292
20L	898293
60L	898294
208L	898295
BULK	898296



SynPower XL-IV C5 0W-20

Protects Engine and Emissions System. Maintains Fuel Efficiency

- ACEA C5
- API SN PLUS
- API SN
- Porsche C20
- VW 508 00/509 00
- VW TL 52577

1L	882800
5L	882861
20L	882862
208L	882863
BULK	882750



SynPower MST C5 0W-20

Protects Engine and Emissions System. Maintains Fuel Efficiency

- ACEA C6
- ACEA C5
- API SP
- API SP-RC
- ILSAC GF-6A
- BMW LL-14FE+
- BMW LL-17 FE+
- Chrysler MS-12145
- Fiat 9.55535-DSX
- Fiat 9.55535-GSX
- Ford M2C947-B1
- Ford M2C962-A1
- Jaguar Land Rover STJLR.03.5006-16
- MB-Approval 229.71
- MB-Approval 229.72
- Opel/Vauxhall OVD401547-A20

1L	886742
5L	899466
20L	886743
60L	896676
208L	886744
BULK	886741



SynPower JL C5 0W-20

Protects Engine and Emissions System. Maintains Fuel Efficiency

- ACEA C5
- Jaguar Land Rover STJLR.51.5122
- MB-Approval 229.71

1L	895091
5L	895092
20L	895093
208L	895539
BULK	895061



SynPower FE 0W-20

Protects Engine and Emissions System. Maintains Engine Performance

- ACEA C5
- Volvo VCC RBS0-2AE

1L	872583
5L	872584
20L	872585
60L	899469
208L	867774
BULK	872582



SynPower DX1 0W-20

Protects Engine and Emissions System. Maintains Fuel Efficiency.

- API SP-RC
- ILSAC GF-6A
- API SP
- API SN
- GM dexos™1 Gen 3 (D325BQDF103)

1L	894775
5L	896621
208L	894774
1000L	894773
BULK	894772

0W-30



SynPower XL-III C3 0W-30

Protects Engine and Emissions System. Maintains Engine Performance.

- ACEA C3
- BMW LL-04
- MB-229.52
- MB-229.51
- MB-229.31
- Porsche C30
- VW 504 00/507 00

1L	882243
5L	882242
20L	882241
60L	899468
208L	882240
BULK	882239



SynPower MST FE C2 0W-30

Protects Engine and Emissions System. Maintains Fuel Efficiency.

- ACEA C2
- ACEA A5/B5
- API SP
- API SP-RC
- API SN Plus
- ILSAC GF-6
- BMW LL-12 FE
- Ford WSS-M2C950-A
- Fiat 9.55535 GS1
- Fiat 9.55535 DS1
- Iveco 1811 SC1 LV16
- MB-Approval 229.61

1L	901312
5L	901313
20L	901314
208L	901315
1000L	901316
BULK	901224

Always check the owner's manual for the correct oil specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



Always check the owner's manual for the correct oil specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>





SynPower ENV C2 0W-30

Protects Engine and Emissions System. Maintains Fuel Efficiency.

- ACEA C2
- PSA B71 2312

1L	872518
5L	872519
20L	872517
60L	896673
208L	872807
1000L	882007
BULK	872805



SynPower FE 0W-30

Protects Engine and Emissions System. Maintains Fuel Efficiency.

- ACEA A7/B7
- ACEA A5/B5
- API SP
- BMW LL-01 FE
- MB-229.6
- Renault RN0700
- Volvo 95200377

1L	872560
4L	872564
5L	874310
20L	872559
208L	VE11338
BULK	872558

0W-40



SynPower 0W-40

Ultimate Protection. Maintains Engine Performance.

- ACEA A3/B4
- API SN
- BMW LL-01
- Fiat 9.55535.M2, N2 and Z2 (petrol engines only)
- Ford WSS-M2C937-A
- MB-Approval 229.5
- MB-229.3
- MB-226.5
- Renault RN0700/0710
- VW 502 00/505 00

1L	872587
4L	872588
5L	872589
208L	VE11238
BULK	872586

5W-20



SynPower FE 5W-20

Protects Engine and Emissions System. Maintains Engine Performance.

- ACEA C5
- API SN
- ILSAC GF-5
- Jaguar Land Rover STJLR.03.5004
- Ford WSS-M2C948-A&B
- Ford WSS-M2C913-B, & C

1L	872555
5L	872556
20L	872557
60L	896677
208L	839694
BULK	873155

5W-30



SynPower XL-III C3 5W-30

Protects Engine and Emissions System. Maintains Engine Performance

- ACEA C3
- API SN
- BMW LL-04
- Fiat 9.55535.S3 (petrol engines only)
- MB-Approval 229.51
- MB-229.31
- Porsche C30
- VW 506 00/506 01
- VW 505 00
- VW 504 00/507 00
- VW 503 00/503 01
- VW 502 00
- VW 501 01

1L	872372
4L	872373
5L	872375
20L	872376
60L	872798
208L	872796
1000L	872797
BULK	872795



SynPower MST C3 5W-30

Protects Engine and Emissions System. Maintains Engine Performance

- ACEA C3
- ACEA C2
- API SN/CF
- BMW LL-04
- Fiat 9.55535.S3 (petrol engines only)
- GM dexos2™ (D23503AC103)
- MB-Approval 229.52
- MB-Approval 229.51
- MB-Approval 229.31
- VW 505 00/505 01

1L	872596
4L	872597
5L	874308
20L	872601
60L	872600
208L	872598
1000L	872599
BULK	872595



SynPower RNO C3 5W-30

Protects Engine and Emissions System. Maintains Engine Performance

- ACEA C3
- API SN
- Renault RN-17
- MB-Approval 226.52

1L	895068
5L	895069
20L	895070
208L	895098
BULK	895062



SynPower DX1 5W-30

Protects Engine and Emissions System. Maintains Engine Performance.

- API SP-RC
- API SP
- API SN
- ILSAC GF-6A
- GM dexos1™ Gen 3 (D325AVDF103)

1L	885852
5L	885853
20L	892500
60L	885854
208L	885855
BULK	885772



SynPower ENV C2 5W-30

Protects Engine and Emissions System. Maintains Fuel Efficiency.

- ACEA C2
- PSA B71 2290-2018

1L	872520
4L	872521
5L	874309
20L	872550
60L	872792
208L	872809
1000L	872791
BULK	872808

Always check the owner's manual for the correct oil specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



Always check the owner's manual for the correct oil specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>





SynPower MST C4 5W-30

Protects Engine and Emissions System. Maintains Engine Performance.

- ACEA C4
- MB-Approval 226.51
- Renault RN0720

1L	872770
5L	872771
20L	872772
60L	896671
208L	872769
1000L	884624
BULK	872768



SynPower FE 5W-30

Ultimate Protection. Maintains Engine Performance.

- ACEA A7/B7
- ACEA A5/B5
- API SP
- BMW LL-01
- Fiat 9.55535.G1
- MB-229.5
- MB-229.3
- MB-226.5
- Renault RN0700/0710
- VW 502 00/505 00

1L	872551
5L	872552
20L	872553
60L	722698
208L	722699
1000L	722697
BULK	872554



SynPower 5W-30

Ultimate Protection. Maintains Engine Performance.

- ACEA A3/B4
- API SL
- BMW LL-01
- Fiat 9.55535.G1
- MB-229.5
- MB-229.3
- MB-226.5
- Renault RN0700/0710
- VW 502 00/505 00

1L	872377
4L	872378
20L	872379
60L	VE11257
208L	VE11258
1000L	VE11255
BULK	872799



SynPower ENV C1 5W-30

Protects Engine and Emissions System. Maintains Fuel Efficiency.

- ACEA C1
- Ford WSS-M2C934-B
- Jaguar Land Rover STJLR.03.5005

1L	872591
5L	872592
20L	872593
60L	899467
208L	872594
BULK	872590

5W-40



SynPower MST C3 5W-40

Protects Engine and Emissions System. Maintains Engine Performance.

- ACEA C3
- API SN/CF
- API SM
- BMW LL-04 <2019
- Fiat 9.55535.S2
- Ford WSS-M2C917-A
- GM dexos™2 (D2256AEF405)
- MB-Approval 229.51
- MB-226.5
- MB-229.31
- Porsche A40
- Renault RN0700/0710
- VW 50 500/50 501

1L	872385
5L	872386
20L	872387
60L	872806
208L	872802
1000L	872803
BULK	872801



SynPower 5W-40

Ultimate Protection. Maintains Engine Performance.

- ACEA A3/B4
- ACEA A3/B3
- API SN
- API CF
- Fiat 9.55535-N2
- Fiat 9.55535-Z2
- GM-LL-A-025
- GM-LL-B-025
- MB-229.3
- PSA B71 2296
- Renault RN0700/RN0710
- VW 502 00/505 00

1L	872380
4L	872381
5L	872382
20L	872384
60L	VE11277
208L	VE11278
1000L	VE11275
BULK	888685

10W-40



SynPower 10W40

Ultimate Protection. Maintains Engine Performance.

- ACEA A3/B4
- ACEA A3/B3
- API SN/CF
- API SM
- Fiat 9.55535.G2, D2
- MB-229.3
- PSA B71 2300
- Renault RN0700/0710
- VW 502 00/505 00

1L	872271
4L	872260
5L	872259
20L	872258
60L	872257
208L	872273
BULK	872256



MAX LIFE™

NEW LABEL
NEW FORMULATION



SPECIALLY FORMULATED ENGINE OIL FOR HIGH-MILEAGE ENGINES

MaxLife is formulated with special additives which revitalize engine performance, **MaxLife** helps fight major causes of engine breakdown and reduces oil consumption in higher mileage engines.

- Reduces Oil Consumption
- Revitalizes Engine Performance
- Meets ACEA

 **THE ORIGINAL
MOTOR OIL**
AMERICA'S FIRST MOTOR OIL BRAND.

Valvoline MaxLife™ engine oil is a high-value product from the Valvoline™ engine oil range specially engineered for high-mileage engines. Its synthetic formula enhanced with a carefully designed system of advanced additives addresses the unique needs of vehicles that have passed considerable distances. Valvoline MaxLife engine oil revitalizes critical engine parts, provides optimal lubrication and maximizes the life and performance of an engine.

APPROVALS AND STANDARDS

Valvoline MaxLife Engine Oil with different viscosity grades for high-mileage engines meets the requirements and standards of the leading automotive and engine manufacturers. For more details on each Valvoline MaxLife product's approval codes and compatibility, see Performance level sections at the top of the respective Product Information sheets available on the links below.

BENEFITS

Valvoline MaxLife engine oils revitalize engines that have passed great mileage and extend the engine's projected lifespan. Strong oil film prevents premature engine wear under all operating conditions, while instant oil flow at low temperatures provides easy cold starts. Thanks to the unique MaxLife conditioners that keep seals in check, oil consumption is reduced or prevented. In addition, MaxLife advanced system of additives also consists of cleaning agents that reduce engine deposits and sludge and prevent their further formation. High-grade additives also tackle leakage and friction that keep the engines clean and working smoothly and efficiently.

The specific formulation of the Valvoline MaxLife engine oil is suitable for a broad range of high-mileage vehicles* and it is available in different viscosity grades.

*For more specific information certificates and performance grades, please see the Approvals and Specification sections at the respective engine oil product's information sheet available online: <https://pisheets.valvolineglobal.com> in multiple languages.





SPECIALLY FORMULATED ENGINE OIL FOR HIGH-MILEAGE ENGINES

Formulated with special additives which revitalize engine performance, MaxLife helps fight major causes of engine breakdown and reduces oil consumption in higher mileage engines.



5W-30



MaxLife C3 5W-30

Reduces Oil Consumption. Revitalises Engine Performance.

- ACEA C3
- API SN/CF
- BMW LL-04 <2019
- GM dexos2™
- MB-229.51, 229.31
- Renault RN0700/0710
- VW 502 00/505 00

1L	872369
4L	872368
5L	881676
20L	872367
60L	872793
208L	881675
BULK	872365



MaxLife 5W-30

Reduces Oil Consumption. Revitalises Engine Performance.

- ACEA A3/B4
- ACEA A3/B3
- MB-229.3
- VW 502 00/505 00

1L	872371
4L	872370
5L	872794
BULK	872366

5W-40



MaxLife 5W-40

Reduces Oil Consumption. Revitalises Engine Performance.

- ACEA A3/B4
- ACEA A3/B3
- API SN/CF
- MB-229.3
- Renault RN0700/0710
- VW 502 00/505 00

1L	872363
4L	872364
60L	896674
208L	VE18058
BULK	872525

10W-40



MaxLife 10W-40

Reduces Oil Consumption. Revitalises Engine Performance.

- ACEA A3/B4
- ACEA A3/B3
- API SN/CF
- API SM
- Fiat 9.55535.D2 (petrol engines only)
- MB-229.3
- PSA B71 2300
- Renault RN0700/0710
- VW 502 00/505 00

1L	872295
4L	872296
5L	872297
20L	872328
60L	VE17917
208L	VE17918
BULK	872523

15W-40



MaxLife 15W-40

Reduces Oil Consumption. Revitalises Engine Performance.

- ACEA A3/B3
- API SN/CF
- MB-229.1

1L	872361
4L	872362
BULK	872524



ALL-CLIMATE™



HIGH QUALITY MOTOR OIL FOR ALL YEAR-ROUND USAGE

All-Climate is specially formulated to provide optimal lubrication over a wide variety of operating temperatures and climatic conditions.

- Provides Optimal Lubrication
- Protects & Cleans Engine
- Meets ACEA



Valvoline All Climate was one of the first multi-grade motor oils on the market and has been a benchmark for quality ever since. This high-quality motor oil is available for a wide range of vehicles with petrol, diesel, or LPG engines. The formulation of All Climate high-quality lubricants is specially developed to maintain engine cleanliness and provide year-round protection and top performance. Proven and trusted technology is used to guarantee easy cold starts and optimal lubrication over a wide variety of operating temperatures and climatic conditions.

APPROVALS AND STANDARDS

Valvoline All-Climate Engine Oils with different viscosity grades have been engineered to meet the requirements and standards of the leading automotive and engine manufacturers.

BENEFITS

As a result of our innovative special oil formulas and advanced additives, all products from our All-Climate motor oil range possess highly beneficial properties making them products you can count on.

The major benefits of All Climate fluids include:

- Year-round performance
- High-quality formulation suitable for a broad range of vehicles with petrol, diesel, or LPG engines
- Strong oil film that provides engine wear protection under various operating conditions
- Additive system that keeps the engine clean by protecting it against sludge and deposit formation
- Instant oil flow at low temperatures that provides easy cold starts within seconds after ignition.

APPLICATION

Valvoline motor oils from the All-Climate product range are suitable for application in passenger cars, delivery vans, light-duty (commercial) vehicles, light trucks, 4WDs, minibuses, campers, stationary engines, small marine engines, and motorcycles without a wet clutch.*

*Check the owner's manual and/or product information sheet before use.





ALL-CLIMATE™

HIGH QUALITY ENGINE OIL FOR ALL YEAR-ROUND USAGE

All-Climate is specially formulated to provide optimal lubrication over a wide variety of operating temperatures and climatic conditions.

ALL-CLIMATE™

5W-30



All-Climate DPF C3 5W-30

Protects and Cleans Engine. Provides Optimal Lubrication.

- ACEA C3
- API SN
- Fiat 9.55535.S3 (petrol engines only)
- MB-229.31
- VW 504 00/507 00

1L	898938
5L	898939
20L	898940
60L	898941
208L	898944
BULK	898937



All-Climate C2/C3 5W-30

Protects and Cleans Engine. Provides Optimal Lubrication.

- ACEA C3
- ACEA C2
- API SN

1L	881924
5L	881925
20L	886388
208L	881923
BULK	881742



All-Climate 5W-30

Protects and Cleans Engine. Provides Optimal Lubrication.

- ACEA A3/B4
- ACEA A3/B3
- API SL/CF
- Fiat 9.55535.G1 (petrol engines only)
- GM-LL-A-025, GM-LL-B-025
- MB-229.3
- Renault RN0700/RN0710
- VW 502 00/505 00

1L	872288
5L	872286
208L	872285
BULK	872283

5W-40



All-Climate 5W-40

Protects and Cleans Engine. Provides Optimal Lubrication.

- ACEA A3/B4
- ACEA A3/B3
- API SN/CF
- GM-LL-A-025, GM-LL-B-025
- MB-229.3
- Porsche A40
- Renault RN0700/RN0710
- VW 502 00/505 00

1L	872282
5L	872281
60L	874306
208L	872289
1000L	872280
BULK	872279

Always check the owner's manual for the correct oil specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



All-Climate C3 5W-40

Protects and Cleans Engine. Provides Optimal Lubrication.

- ACEA C3
- API SN/CF
- API SM
- BMW LL-04 <2019
- Ford WSS-M2C917-A
- GM dexos2™
- MB-226.5
- MB-229.31
- Porsche A40
- Renault RN0700/0710
- VW 505 00/505 01

1L	872278
5L	872277
20L	886390
60L	872276
208L	872274
1000L	880936
BULK	872275

10W-40



All-Climate 10W-40

Protects and Cleans Engine. Provides Optimal Lubrication.

- ACEA A3/B4
- API SL/CF
- API SN
- API SM
- Fiat 9.55535.D2, G2
- MB-229.3
- MB-226.5
- PSA B71 2300
- Renault RN0700/0710
- VW 502 00/505 00

1L	872774
4L	872775
5L	872776
20L	872777
60L	798340
208L	798339
BULK	872773

15W-40



All-Climate 15W-40

Protects and Cleans Engine. Provides Optimal Lubrication.

- ACEA A3/B4
- ACEA A3/B3
- API SL/CF
- Fiat 9.55535.D2, G2 (petrol engines only)
- MB-229.1
- VW 505 00/501 01

1L	872784
4L	872785
5L	872786
208L	798405
BULK	872783

20W-50



All-Climate 20W-50

Protects and Cleans Engine. Provides Optimal Lubrication.

- ACEA A3/B3
- API SL/CF
- MB-229.1
- VW 505 00/501 01

1L	872788
5L	872789
BULK	872787

Always check the owner's manual for the correct oil specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



DRIVELINE



APPROVED FLUIDS FOR VEHICLES WITH AN AUTOMATIC TRANSMISSION

Valvoline Driveline oils are engineered to meet and exceed the requirements of the most demanding driving cycles over a wide range of temperatures. The range has been formulated to cover the needs of modern passenger and light commercial drive line needs.

Modern vehicle driveline systems perform at levels never seen before, their maintenance requires lubricating fluids that can effectively handle tough conditions and prevent downtime.

Valvoline driveline fluids are highly versatile and the wide range covers the various technologies adopted by the worlds OEM manufacturers.

Our driveline range like the new Light and Heavy Duty CVT/ ATF (one product for multi-use) reduces the need for 4 different products and covers these needs in one fluid, we also have a bespoke DCT fluid as well as a range of both GL-4 manual gear oils and GL-5 hypoid axle oils again with a wide coverage. The formulations chosen ensure the best protection with class leading chemical performance.

Valvolines passion for getting the best performance from each vehicle component is reflected in the many benefits of every driveline lubricant we produce. Whether it is a product for passenger car or light commercial you can count on its ability to boost the durability, efficiency and performance of the components it is used in.

All driveline fluids from the Valvoline range possess superior viscosity-temperature properties over a wide range of temperatures, load and climatic conditions. They provide smooth lubrication for the components and improve cooling efficiency.

Not only can they extend the life of the driveline components they may also increase fuel efficiency, please study our online lubricants advisor for more information on this or the options available to you.

We have engineered the Valvoline range of driveline fluids to offer the following performance benefits:

- Improved gear, axle and transmission protection
- Long-life drain intervals
- Smoother shifting
- Boosted anti-shudder durability
- Excellent thermal and oxidation stability resulting in lower deposit formation
- Excellent corrosion and foaming resistance

Choosing the right driveline fluid for your vehicle can be difficult, we recommend that check your vehicles fluid requirements via our online lubricants advisor. for more details please go to www.valvoline-eu.lubricantadvisor.com/en





DRIVELINE

SPECIALLY DESIGNED FOR HYBRIDS

NEW



DRIVELINE

ATF PRO OEM APPROVED FLUIDS FOR VEHICLES WITH AN AUTOMATIC TRANSMISSION



Hybrid Vehicle ATF

- Aisin Warner
- BMW
- Chrysler
- Ford
- GM
- Honda / Acura
- Hyundai
- Jaguar
- JASO
- KIA
- Landrover
- Mazda
- Mercedes-Benz
- Mini Cooper
- Mitsubishi
- Nissan / Infinity
- Subaru
- Toyota / Lexus
- Volvo
- VW / Audi

1L	892451
20L	892452
60L	896950
208L	897025
BULK	892450



Hybrid Vehicle DCT

- BMW: 6-speed DCT, DCTF-1+, MTF LT-5 Drivelogic 7-speed/ DCTF-1
- Borg Warner
- Bugatti Veyron
- BOT 341, 450
- Chrysler: 68044345 EA & GA, Powershift 6-speed
- Ferrari 7-speed /TE DCT-3
- Ford/Nissan Powershift 6-speed (GFT) / Ford WSS-M2C936A, part #1490763/1490761
- Mitsubishi TC-SST 6-speed (GFT) / MZ320065 DiaQueen SSTF-1
- PDK transmission oil for ZF (DCT Transmission Oil for ZF)
- Peugeot/Citroen DCS 6-speed (GFT)/9734.S2
- Renault EDC 6-speed, EDC-7 speed Talisman R7D
- Volvo Powershift 6-speed (GFT)/1161838/1161839
- VW (Audi, Seat, Skoda) 6-speed
- VW G 055 536
- VW/Audi G 055 529
- VW/Audi TL 521 82/ G 052 182 A2 or A6
- VW/Audi TL 52529/ G 052 529 A2 or A6/DSG7/ S-Tronic 7/ 7 speed VW (Audi, Seat, Skoda)
- ZF/Porsche Oil #999.917.080.00

1L	892454
20L	892455
60L	897021
208L	897026
BULK	892453



Valvoline ATF PRO 236.14

- MB-236.14
- MB-236.12
- MB-NAG-2 transmissions
- MB-7-speed automatic transmission series 722.9
- MB-5-speed automatic transmission series 722.6
- Ssang Yong passenger cars with MB automatic transmissions

1L	866737
20L	866738
BULK	868537



Valvoline ATF PRO 236.15

- MB-236.15
- MB-NAG-2+ transmissions
- MB-7-speed automatic transmission series Tronic Plus

1L	866881
20L	866882
1000L	886462
BULK	868539



Valvoline ATF PRO +4

- Chrysler MS9602 (ATF +4[®])
- Chrysler MS7176E (ATF +3[®])
- Chrysler MS7176D (ATF +2[®])
- Chrysler MS7176 (ATF +[®])
- Fiat 9.55550-AV4

1L	866736
BULK	868538

Always check the owner's manual for the correct fluid specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



Always check the owner's manual for the correct fluid specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



ATF



Valvoline Light & Heavy Duty ATF/CVT

- Aisin Warner
- Allison
- BMW
- Chrysler
- Ford
- GM
- Fiat
- Honda / Acura
- Hyundai
- Jaguar
- Jeep
- KIA
- Land Rover
- Mazda
- Mercedes-Benz
- Mini Cooper
- Mitsubishi
- Nissan / Infiniti
- Subaru
- Toyota / Lexus
- Volvo
- VW
- VW / Audi

1L	895132
5L	895133
20L	895134
60L	895135
208L	895136
BULK	894425

Check the latest and detailed list of Approvals & Specifications:

<https://pisheets.valvolineglobal.com>



Valvoline ATF Dex/Merc

- Allison C-4
- Ford Mercon
- GM Dexron III G
- Volvo 97325, 97335, 97340
- ZF TE-ML 05L, 09, 11A, 11B

1L	866913
20L	866912
208L	866911
BULK	866910

DCT



Valvoline DCT

- BMW 83 222 148 578, 579
- BMW 83 222 147 477
- BMW 83 220 440 214
- Ford M2C936A
- MB-236.21
- MB-236.24
- MB-236.25
- MB-239.21
- Mitsubishi Dia-Queen SSTF-1
- Nissan 999MP-GTRT00P
- Porsche Oil No. 999.917.080.00/999.917.080.01
- PSA 9734.S2
- Volvo 1161838, 1161839
- VW G 052 182, G 052 529, G 055, 529

1L	866909
5L	868207
20L	881609
BULK	866908

AXLE OIL



Valvoline Axle Oil 75W-90

- API GL-5

1L	866890
20L	866901
60L	896675
BULK	866889



Valvoline Axle Oil 75W-90 Limited Slip

- API GL-5

1L	866904
20L	866905
BULK	866903



Valvoline Light & Heavy Duty Axle oil 80W-90

- API GL-5
- ZF TE-ML 07A, 08

1L	868214
5L	866944
20L	866945
208L	866946
BULK	866943

GEAR OIL



Valvoline Gear Oil 75W

- API GL-4
- API GL-4 synthetic
- API GL-3
- API GL-3 synthetic

- BMW MTF LT-3
- Ford WSS-M2C 186-A
- Ford WSS-M2C 200-D2
- GM 1940004/ 19259104 (BOT 303)
- GM 1940764
- VW G 052 171, G 052 178
- VW G 052 512, G 052 527 A2
- VW G 052 726, G 055 726
- VW G 060 726, VW G 070 726 A2

1L	886573
20L	886572
BULK	886571



Valvoline Gear Oil 75W-80

- API GL-4, GL-3
- API GL-4 (tranself TRZ)
- API GL-4+ PSA B71 2330
- API GL-4+ (tranself NFJ)
- API GL-4+ (tranself NPF)
- API GL-4+ (tranself TRJ)

- BMW MTF LT-2
- Fiat 9.5555.0 - MZ1
- Special Gear Oil MTF 94
- Special Honda MTF
- Special Honda MTF-II
- Volvo 97308, 97309
- VW G 009 317, G 50

1L	866895
20L	866896
60L	901546
208L	866897
BULK	866894



DRIVELINE

AUTOMATIC TRANSMISSION FLUID & DUAL-CLUTCH TRANSMISSION



Valvoline Gear Oil 75W-80 RPC

- API GL-5

- Citroen
- Peugeot
- Renault

1L	867068
20L	867069
BULK	867067



Valvoline Gear Oil 75W-90

- API GL-3
- API GL-3 synthetic
- API GL-4
- API GL-4 synthetic

- BMW MTF LT-4
- GM 1940182, 1940764, 1940768
- VW G 50

1L	867064
20L	867065
208L	867066
BULK	867063



Valvoline Light & Heavy Duty Gear oil 80W-90

- API GL-4
- ZF TE-ML 08, 24A

1L	868217
20L	866956
208L	866957
BULK	866955

TOTAL DRIVELINE OIL



Valvoline TDL 75W-90

- API GL-4
- API GL-5
- MT-1
- ZF TE-ML 02B, 07A

- BMW MTF LT-4
- Dexron MTF 75W-90
- Fiat 9.5550-MZ4
- Ford M2C-201-A
- Ford M2C200-B, C
- Ford N052145 VX00
- GM 89021807
- MB-235.72
- MB-235.8
- Porsche 999.917.067.00
- SAAB MTF 0063
- Volvo 97309
- VW 501.50
- VW G 50
- VW G 052 145
- VW G 052 911

1L	879869
20L	879868

Always check the owner's manual for the correct oil specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



THE LATEST COOLANT TECHNOLOGY WITH BACKWARDS COMPATIBILITY

APPROVED BY VW



VALVOLINE™ HT-12™

Why you need the latest OEM approved coolant technology

Valvoline HT-12 coolants are the first and only OEM approved coolants for these vehicles and, in many cases, their use is a requirement for warranty protection.

Valvoline HT-12 coolants are the only certain way to protect the radiator and cooling system from the build-up of flux residue, preventing corrosion & overheating.

Valvoline HT-12 coolants maintain the performance and operational efficiency of the cooling system, protecting against a wide range of potential damages.

- ✓ Backwards compatible with VW (1996-) models.
- ✓ Factory Fill coolant for VW.
- ✓ HT-12 Green is approved for MINI & Rolls-Royce.
- ✓ HT-12 Pink is only backwards compatible coolant approved for VW, Audi, Cupra, Seat & Škoda.
- ✓ Protects against flux residue formation & against corrosion.
- ✓ Protects the coolant system for up to 5 years or 250,000 km.



Always check the owner's manual for the correct coolant specification to use.



Valvoline HT-12 Pink is backwards compatible with VW from 1996 (G12+, G12++, G13, G12evo)



For all latest OEM approvals & performance level specifications: [PISheets.valvolineglobal.com](https://pisheets.valvolineglobal.com)



HT-12™ and Frostox are brands of HAERTOL Chemie GmbH

TRUSTED FOR 150 YEARS

WWW.VALVOLINEGLOBAL.COM



@ValvolineGlobal



ANTIFREEZE COOLANTS (AFC)



VALVOLINE ANTIFREEZE COOLANT UNIQUE VALUE PROPOSITION – COVERING ALL 3 SEGMENTS OF THE MARKET, INCLUDING THE UNIQUE HT-12 PREMIUM OFFER FOR THE AFTERMARKET.

Choosing the right coolant is essential for the best engine and cooling system protection. The Valvoline range of coolants help keep the cooling system components in top condition. The Valvoline Light Duty coolant range has been designed to meet the various needs of modern vehicle demands. There are also options to cover HOAT, OAT and Si-Oat applications as well as the various OEM requirements.

Valvoline coolants play a key role in maintaining correct engine heat transfer rates whilst preventing corrosion from occurring inside your engine and cooling system.

BENEFITS OF USING THE RIGHT COOLANT

Since the coolant is one of the essential liquids for any vehicle, it is highly important to use the right one. When using Valvoline high-quality coolants, you are assured that outstanding protection is provided to all vital cooling system and engine parts. These coolants contain special additives that extend the lifespan of the engine and the cooling system, by preventing corrosion, overheating and freezing.

Valvoline coolants offer additional benefits to ensure the best protection and maintain the correct heat transfer even in tough cycles which makes them suitable for the various needs of a modern vehicle.

ALWAYS USE THE RIGHT RATIO

The Valvoline coolant range is available in concentrate or a 'ready to use' formula, which allows options for the needs of cooling system protection. Coolant concentrate should be mixed with de-ionised or demineralised water following the recommended OEM mix rate, this rate is determined by the OEM to ensure the best protection and performance of the fluid. 'Ready to use' coolants are also known as 'pre-mixed coolants' and these are the best way forward, they are easier to use and ensure you have the correct mix ratio and avoid any water quality concerns. The Valvoline advice is to always check and consult what is recommended by the manufacturer.

DO NOT MIX DIFFERENT TYPES OF COOLANTS

Since different coolants use different additives and performance inhibitors, it is important not to mix them, the additive components from different coolants maybe incompatible with each other, they might increase corrosion and may cause serious issues to your engine and cooling system. If you suspect that something is wrong, the cooling system should be drained down and the cooling system flushed and replaced with the correct product.

CHANGE THE COOLANT REGULARLY, FOLLOW THE MANUFACTURERS GUIDELINES

Like all fluids in your vehicle, coolants deteriorate over time and eventually become more acidic. This can cause corrosion to occur which can damage the engine, the radiator and other cooling system components such as the water pumps, hoses, EGR coolers, thermostats and the radiator pressure cap. Rust, dirt and other harmful particles can also accumulate in the radiator and compromise the coolants ability to regulate correct engine temperature.

This can lead to overheating causing engine component damage, coolant leaks, freezing, which in extreme cases will damage the engine block. Therefore when the time comes to replace the coolant always follow the manufacturers guidelines with regards to the right product required and the fluid change interval.

Choosing the right coolant can be difficult, we encourage you to check out your vehicles requirements via our on line lubricants advisor, this will give you the best coolant recommendation and most importantly peace of mind.

Go to www.valvoline-eu.lubricantadvisor.com/en for more details on the coolant requirement.



HT-12™ Green & Pink



Valvoline HT-12™ Green

- BMW LC-18
- ASTM D3306
- ASTM D4985
- ASTM D6210
- AS 2108-2004
- BS 6580:2010
- Cummins CES 14603, CES 14439
- CUNA NC 956-16
- Deutz DQC CC-14
- GB 29743-2013
- JIS K 2234:2006
- ONORM V 5123
- PN-C40007:2000
- SANS 1251:2005

	Ready-to-use	Concentrate
1L	889279	889277
5L	896129	-
20L	889275	889273
60L	889271	889239
1000L	897957	-
BULK	895651	895609



Valvoline HT-12™ Pink

- VW TL 774-L (G12evo)
- MAN 324 Si-OAT evo
- ASTM D3306
- ASTM D4985
- ASTM D6210
- AS 2108-2004
- BS 6580:2010
- Cummins CES 14603, CES 14439
- CUNA NC 956-16
- Deutz DQC CC-14
- GB 29743-2013
- JIS K 2234:2006
- ONORM V 5123
- PN-C40007:2000
- SANS 1251:2005
- VW TL 774-C/D/F/G/J
- MAN 324 NF/SNF/Si-OAT

	Ready-to-use	Concentrate
1L	889278	889276
5L	896128	-
20L	889274	889272
60L	889240	889238
BULK	895610	895608

OEM Advanced 40 & 48



Valvoline OEM Advanced 40 Ready-To-Use/Concentrate

- Cummins CES 14603
- Deutz DQC CC-14
- MAN 324 Type Si-OAT*
- MB-Approval 325.5 / 325.6
- MB-Approval 326.5 / 326.6
- MTU MTL 5048 *pending
- Cummins CES 14439
- DCC
- Detroit Diesel DSF93K217ELC
- Irizar (from 2016)
- Liebherr Minimum LH-01-COL3A
- MB Trucks (from October 2011)
- Porsche From MY 2010
- Smart MB-325.6
- TL 774-G (G12+): VW / Audi / Seat / Skoda / Lamborghini / Bentley / Bugatti
- SCANIA
- ASTM D3306 / D4985 / D6210
- Federal Specification A-A-870A
- Navistar MPAPS B1 IIIA
- SAE J814
- VW TL 774-J

	Ready-to-use	Concentrate
1L	892064	891920
5L	892065	892091
20L	892066	892092
208L	892111	891919
1000L	892101	892062
BULK	892079	892078



Valvoline OEM Advanced 48 Ready-To-Use/Concentrate

- BMW LC-87
- Deutz DQC CA-14
- MAN 324 Type NF*
- MB-Approval 325.0
- MB-Approval 326.0
- MTU MTL 5048 *pending
- Detroit Diesel 7SE298
- TL 774-C: VW / Audi / Seat / Skoda
- Federal Specification A-A-870A
- Jaguar
- Jenbacher TA-Nr. 1000-0201
- Liebherr Minimum LH-00-COL3A
- MAN Diesel & Turbo Liste 3.3.7
- Maybach/Smart MB-325.0/326.0 (until 2014)
- MB Passenger cars (until April 2014)
- MB Trucks (until September 2011)
- Opel/Vauxhall (until 2000) B 040 0240
- Porsche (until 1995)
- Rolls-Royce (from 1998)
- Saab 690 1599
- Tesla (from 2013)
- TMC of ATA RP-302B
- Van Hool
- Volvo 2015 (cars) and older
- Volvo Truck (until 2005)
- Zastava
- ASTM D3306 / D4985
- GM1899M / 1825M
- SAE J814 / J1034 / J1941

	READY-TO-USE	CONCENTRATE
1L	892100	892095
5L	892122	892096
20L	892123	892097
208L	892099	892094
1000L	892098	892067
BULK	892081	892080

Coolants 12++, 12+, 11



Valvoline G12++

- Volkswagen: VW TL 774 G
- ASTM D4985
- Also recommended for Audi, Bentley, Bugatti, Lamborghini, Porsche, Seat, Skoda

	Concentrate
5L	883844
20L	883845
60L	883846
208L	883847
1000L	883848
BULK	883849



Valvoline AFC 12+ Concentrate^{EEE}

- ASTM D3306
- ASTM D4656
- ASTM D4985
- BS 6580
- CUNA NC 956-16
- FVV Heft R443
- JASO M325
- KSM 2142
- NFR 15-601
- NATO S-759
- ONORM V5123
- SAE J 1034
- UNE 26-361-88/1
- BMW GS 94000
- Cummins CES 14603, CES 14439
- Caterpillar A4.05.09.01
- Caterpillar 0199-99-2091/11
- Dacia/Renault-Nissan 41-01-001/--T
- Deutz DQC CB-14
- DAF 74002
- GM 6277M
- Ford WSS-M97B44-D
- John Deere JDM H5
- MAN 324 Typ SNF
- MB-325.3
- MTU MTL 5048
- Opel-GM GMW 3420
- Renault Trucks 41-01-001
- Volvo Trucks

	Concentrate
1L	896752
4L	896753
60L	896754
208L	896755



Valvoline 11

- AFNOR NF R15-601
- ASTM D-3306
- ASTM D-4985
- SAE J 1034
- BS 6580, 2010
- BMW N 600 69.0
- CUNA NC 956-16
- MB-325.0
- MB-326.0
- MB-326.2
- Opel B 040 0240 (G 48)
- Porsche (924, 928, 944, 968)
- Renault Glacéol AL type C
- Saab 690 1599
- VW TL 774-C

	Concentrate
1L	896261
20L	896240
208L	896239



COOLANTS

Multi-Vehicle Coolants



Valvoline Multi-Vehicle RED Coolant

- AFNOR 15-601, 1991
- ASTM D3306 (D4656)
- BMW N600.69.0
- BS 6580, 1992
- Citroen (PSA B71 5110)
- CUNA NC956-16
- Ford WSS-M97B44-D
- GM B 040 0240
- Honda type 2
- Isuzu
- Jaguar/Land Rover: STJLR.651.5003
- MB-325.0, 325.2, 325.3, 325.5, 325.6
- Nissan
- O-Norm V5123
- Opel 6277M (B 040 1065)
- Peugeot (PSA B71 5110)
- Renault Glaceol AL type C
- RX type D
- Saab (6901 599)
- SAE J1034, J814, J1941
- Toyota TSK 2601G-8A
- Volvo

Recommended by Valvoline for: VW TL 774 C, D, F, G, J, VW G11, G12, G12+, G12++ and G13 applications, Audi, Seat, Skoda.

	Ready-to-use	Concentrate
1L	-	887810
5L	887809	887841
20L	887509	887510
60L	-	887741
208L	887508	887742
1000L	887749	887750
BULK	887747	887748



Valvoline Multi-Vehicle YELLOW Coolant

- AFNOR 15-601, 1991
- ASTM D3306 (D4656)
- BMW N600.69.0
- BS 6580, 1992
- Citroen (PSA B71 5110)
- CUNA NC956-16
- Ford WSS-M97B44-D
- GM B 040 0240
- Honda type 2
- Isuzu
- Jaguar/Land Rover: STJLR.651.5003
- MB-325.0, 325.2, 325.3, 325.5, 325.6
- Nissan
- O-Norm V5123
- Opel 6277M (B 040 1065)
- Peugeot (PSA B71 5110)
- Renault Glaceol AL type C
- RX type D
- Saab (6901 599)
- SAE J1034, J814, J1941
- Toyota TSK 2601G-8A
- Volvo

Recommended by Valvoline for: VW TL 774 C, D, F, G, J, VW G11, G12, G12+, G12++ and G13 applications, Audi, Seat, Skoda.

	Ready-to-use	Concentrate
1L	874733	874738
5L	874734	874739
20L	874737	874762
60L	874736	874761
208L	874735	874740
1000L	883616	883617
BULK	874763	874764

Always check the owner's manual for the correct coolant specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



THE UNIVERSAL SOLUTION

MULTI-VEHICLE COOLANT

RED & YELLOW

LONG LASTING PROTECTION FOR YOUR VEHICLE.

Multi-Vehicle Coolant is a universal engine coolant specially designed for passenger cars and other commercial vehicles.

Multi-Vehicle Coolant provides long-life protection using non-depleting organic acid technology and incorporates additives to protect seals and gaskets.

Multi-Vehicle Coolant is compatible and miscible with other coolants which meet the same specification. It can be mixed safely with the coolant already in the vehicle.



Recommended by Valvoline for use in VW, Audi, Skoda and SEAT vehicles requiring a coolant meeting the specification: TL774 C, D, F, G and J (G11+, G12, G12+, G12++, G13).

Multi-Vehicle Coolant has an enhanced formulation with extra anti-scaling and anti-corrosion inhibitors that will keep your cooling system clean and effective.

Multi-Vehicle Coolant offers an excellent protection from freezing and over-heating which will extend the lifespan of the cooling system.

This universal formula combines the best of standard, hybrid (HOAT) and organic (OAT) chemistry.



AMERICA'S FIRST MOTOR OIL BRAND.



Follow us on

ValvolineGlobalEMEA



www.valvolineglobal.com/en-eur

SERVICE CHEMICALS

- SERVICE ADDITIVES
- TECHNICAL SPRAYS

Valvoline offers a wide range of maintenance products specially designed to help improve the functionality of the vehicle or piece of equipment and extend its operating life.

Service chemicals are designed for specific applications, such as extremely high temperatures, high pressure, or ultra-high vacuums.

Valvoline service chemicals are highly versatile and have various applications. Each product is engineered to meet the highest industry standards.

For more than 150 years, we have been delivering innovative lubricants for a variety of applications. We continue to perfect our service chemicals to make sure they aid in your efforts to maintain your vehicle or piece of equipment and keep it operating at an optimal level.

All service chemicals from our selection provide excellent lubrication and the ultimate protection against wear, under all operating conditions. Additionally, they have excellent cleaning properties and prevent deposit formation. That way, they increase engine performance and minimize downtime for maintenance. Most importantly, none of the products from our selection are considered to be hazardous. They comply with the defined safety standards. For more information on individual service chemical types from the Valvoline selection, read to our product information sheets and safety data sheets.

Before purchasing any of the products, read the manufacturers' instructions to make sure that the service chemical is the most appropriate product for your needs. Your satisfaction and safety are our top priority!

Choosing the correct service chemical can be difficult. We encourage you to check out our Lubricant Advisor for the best service chemical recommendation for your vehicle or equipment.



Check out our workshop products offer! We have a selection to facilitate every aspect of your work, from fleet care and lubrication, to protection and cleaning.



COOLING SYSTEM SERVICE ADDITIVES



Cooling System Cleaner

Cleaning concentrate for quick and simple cleaning of radiator and heating systems of both diesel and petrol engines.

250ML 890602



Cooling System Stop Leak

Sealant for cooling systems of both diesel and petrol engines. Compatible with all types of coolants and antifreeze.

300ML 890603

DIESEL SYSTEM SERVICE ADDITIVES



Diesel System Cleaner

Direct cleaning additive for all diesel engines of passenger cars. Especially effective for instant cleaning of electronically and mechanically controlled injection nozzles.

300ML 890604



Diesel System Protector

Cleans and protects all components that are in contact with fuel. Keeps the engine performance optimal, improving fuel combustion, and preventing corrosion and sludge formation.

300ML 890605



DPF Cleaner And Regenerator

High-performance cleaning agent that uses quality additives to reduce the burn-off temperature of soot in the diesel particulate filter (DPF).

300ML 890606

Always check the owner's manual for the correct service additive specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



ENGINE OIL SERVICE ADDITIVES



Engine Oil Stop Leak

Prevents any leakage of the engine oil system and aids in maintaining operational reliability with positive environmental effect.

300ML 890607



Engine Oil System Cleaner

Superior cleaning solution that helps remove contaminants and disperse sludge and soluble dirt inside diesel and petrol engines.

300ML 890608



Engine Oil Treatment

Specially formulated additive package used for increasing the overall performance of engine oil, reduce oil consumption and support extended drain intervals.

300ML 890609

PETROL SYSTEM SERVICE ADDITIVES



Petrol System Cleaner

Direct cleaning additive specifically designed to be applied to all types of petrol engines used in passenger cars to reduce exhaust emissions, deposits, and high fuel consumption.

300ML 890610



Petrol System Protector

This product helps keep the entire fuel system clean, reduces fuel consumption, protects against corrosions, and decreases harmful emissions.

300ML 890611

AUTOMATIC TRANSMISSION SERVICE ADDITIVES



Automatic Transmission Cleaner

High quality automatic transmission cleaner. Removes contaminants and deposits from all transmission components and extends the service life of the automatic transmission.

300ML 887452

Always check the owner's manual for the correct service additive specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



TECHNICAL SOLUTIONS

Valvoline offers a great range of high quality technical sprays that work as problem solvers. From maintenance products and cleaners to tools for dismantling and assembly. These are essential products any workshop must have.

COLOUR CODING/CATEGORY



PRODUCT NAMES IN 5 LANGUAGES

DE, ES, IT, FR and NL

360° VALVE INDICATOR

MAIN PRODUCT FEATURE



TECHNICAL SPRAYS

MAINTAINS PERFORMANCE

PROTECTION



Valvoline V-Belt Spray

High quality spray to protect V-Belts and to treat and prevent slipping.

500 ML* 887041



Valvoline Silicone Spray

Silicone spray to lubricate and protect plastic or rubber parts. Prevents freezing and drying of rubbers and creaking of plastic parts.

500 ML* 887042



Valvoline Electro Protect

Water and moisture-repellent and ensures prolonged and more efficient operating life of switches, batteries, cables, and various electric tools and systems.

500 ML* 887044

Languages on the label:

* EN, DE, NL, FR, ES, PT, IT, PL, ET, LV, LT, FI, DA, NO, SV, EL, HR, TR, RU/UA, KK, HE, CS, HU, RO, SRB/MNE

Always check the owner's manual for the correct service additive specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



LUBRICATION



Valvoline PTFE Dry

Dry, surface lubricant to treat mechanical parts of metal and plastic, where no residues of oil or grease are desired. Resistant to climatic influences, can be used as a mold release agent, when the use of silicones is not desired.

500 ML* 887045



Valvoline PTFE Spray

Lubricant to treat mechanical parts of metal and plastic. Water repellent and resistant to weak acids and bases.

500 ML* 887046



Valvoline High Pressure Lubricant PTFE

High quality lubricant to treat mechanical parts of metal and plastic. Contains PTFE and extreme pressure additives to protect against wear under high pressure and high temperatures.

500 ML* 889708



Valvoline White Grease

Spray grease to lubricate mechanical parts of metal or plastic. Excellent adhesion, mechanical and thermal stability.

500 ML* 887047



Valvoline Synthetic Chain Lube

Low friction factor for minimal resistance while maintaining the outstanding lubricating properties, even at heavy loads. Especially suitable for high-speed chains of motorcycles, bicycles, mopeds, etc.

500 ML* 887049

Languages on the label:
* EN, DE, NL, FR, ES, PT, IT, PL, ET, LV, LT, FI, DA, NO, SV, EL, HR, TR, RU/UA, KK, HE, CS, HU, RO, SRB/MNE

Always check the owner's manual for the correct service additive specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



Valvoline Multi Spray

Universal oil to lubricate, protect and clean parts of metal and plastic. Good penetration properties, removes oil, grease, waxes and tar. After using, a protective film remains.

500 ML* 887048



Valvoline Industrial Chain Grease

Spray to lubricate chain-driven transmissions, which are liable to heavy loads. To be processed like oil, with the properties of grease.

500 ML* 887050



Diesel System Cleaner

High performance direct cleaning additive for all diesel engines. Especially effective to clean the injection system.

	Serbia	Netherlands
300ML	-	890604



Diesel System Protector

High performance additive for all diesel engines. Cleans and protects all components that are in contact with fuel.

	Serbia	Netherlands
300ML	-	890605

Languages on the label:
* EN, DE, NL, FR, ES, PT, IT, PL, ET, LV, LT, FI, DA, NO, SV, EL, HR, TR, RU/UA, KK, HE, CS, HU, RO, SRB/MNE

Always check the owner's manual for the correct service additive specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



CLEANING



Valvoline Glass Cleaner

High quality spray to clean windscreens and mirrors.

500 ML*	887065
---------	--------



Valvoline Contact Cleaner

Powerful jet spray, carefully formulated to provide maximum protection during the cleaning process of electrical contacts. Meets industry and safety requirements.

500 ML*	887066
---------	--------



Valvoline Airco Cleaner

Cleansing foam to condition the air-conditioning in motor vehicles. Optimizes the functioning of the air-conditioning. Leaves a subtle orange scent.

500 ML*	887067
---------	--------



Valvoline Industrial Cleaner

Universal cleaner to remove a-polar and polar contaminations from parts, treated and untreated, of metal and various types of plastic.

500 ML*	887068
---------	--------



Valvoline All Purpose Cleaner

High quality citrus cleaner to remove grease, tar, oil, wax, ink, resin, stickers and residues of glue from parts of treated and untreated metal, wood, stone and various types of plastic. Leaves no residue.

500 ML*	887069
---------	--------



Valvoline DPF Cleaner

Tool to loosen and remove ash deposits in diesel-particle filter systems, without disassembly. Fast acting, solvent free, non-corrosive and non-flammable.

400 ML*	887070
---------	--------



Valvoline EGR Cleaner

Exhaust gas recirculation cleaner, to dissolve deposits in Air Intake valve, air intake system, manifold and inlet valves. Fast acting, leaves no residue and prevents the deposits of resin.

500 ML*	887071
---------	--------



Valvoline Brake Cleaner

Brake cleaner with high dissolving properties. Leaves no residue, non-conductive and non-corrosive.

500 ML v1**	887059
500 ML v2**	887058
500 ML v3**	887060

Languages on the label:
* EN, DE, NL, FR, ES, PT, IT, PL, ET, LV, LT, FI, DA, NO, SV, EL, HR, TR, RU/UA, KK, HE, CS, HU, RO, SRB/MNE

Always check the owner's manual for the correct service additive specification to use.



Languages on the label:
* EN, DE, NL, FR, ES, PT, IT, PL, ET, LV, LT, FI, DA, NO, SV, EL, HR, TR, RU/UA, KK, HE, CS, HU, RO, SRB/MNE
** V1: EN, NL, FR, IT, ES, PL, DE
V2: ET, LV, LT, FI, NO, SV, DA, RU/UA
V3: EL, HR, KK, CS, HU, TR, HE, RO

Always check the owner's manual for the correct service additive specification to use.





Valvoline Power Brake Cleaner

Brake cleaner with high dissolving properties. Extra pressurized aerosol around 8 bar instead of regular 4 bar.

500 ML* 887081



Valvoline Carburettor Cleaner

Cleaner for the interior and the exterior of carburettors and valves, without disassembly.

500 ML* 887082



Valvoline Aerosol Holder

Holder for 5 Valvoline aerosols

Valvoline Aerosol Holder 887751

TOOL



Valvoline Motor Start

High quality ether based spray for starting problems with internal combustion engines.

500 ML* 887056



Valvoline Zinc Spray

Zinc spray to treat galvanised and untreated steel. Outstanding cathodic corrosion prevention. Resistant to petrol, chemicals and weather influences. Spot-weldable

500 ML* 887062



Valvoline Gasket Remover

Spray for fast and easy removal of dried adhesives and seals, as well as hardened sealing materials in cars and machine parts. Non-conductive and non-corrosive.

500 ML* 887063



Valvoline Cut & Drill Lube

High quality oil to prevent over-heating of metals in cutting and drilling activities. Reduces wear of the tool. Silicone-free and non-corrosive.

500 ML* 887064

* Languages on the label:
EN, DE, NL, FR, ES, PT, IT, PL, ET, LV, LT, FI, DA, NO, SV, EL, HR, TR, RU/UA, KK, HE, CS, HU, RO, SRB/MNE

Always check the owner's manual for the correct service additive specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



* Languages on the label:
EN, DE, NL, FR, ES, PT, IT, PL, ET, LV, LT, FI, DA, NO, SV, EL, HR, TR, RU/UA, KK, HE, CS, HU, RO, SRB/MNE

Always check the owner's manual for the correct service additive specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



ASSEMBLY



Valvoline Vaseline Spray

Transparent, universal lubricant and preservative. Excellent adhesion and corrosion prevention properties.

500 ML* 887051



Valvoline Copper Spray

Spray with a extra high copper content to prevent wear and sticking of screwed connections which are exposed to very high temperatures.

500 ML* 887052



Valvoline Penetrating Oil

High quality effective spray to loosen rusted parts. Good penetrating properties, contains graphite and MoS2.

500 ML* 887053



Valvoline Glue Spray

Glue for both permanent and temporary adhesion. Suitable to glue paper, cardboard, wood, textile and various types of plastic.

500 ML* 887054



Valvoline Ceramic Grease

Metal-free ceramic grease, to treat parts which are liable to heavy workload and/or which are exposed to very high temperatures.

500 ML* 887055

* Languages on the Label:
EN, DE, NL, FR, ES, PT, IT, PL, ET, LV, LT, FI, DA, NO, SV, EL, HR, TR, RU/UA, KK, HE, CS, HU, RO, SRB/MNE

Always check the owner's manual for the correct service additive specification to use.



CAR CARE



Valvoline Cockpit Spray Foam

Cockpit spray to clean, protect and embellish the dashboard and other plastic parts in the car.

500 ML* 887083



Valvoline Airco Refresher

Effective spray to refresh the air conditioning and air circulation system in vehicles.

150 ML* 892334

* Languages on the Label:
EN, DE, NL, FR, ES, PT, IT, PL, ET, LV, LT, FI, DA, NO, SV, EL, HR, TR, RU/UA, KK, HE, CS, HU, RO, SRB/MNE

Always check the owner's manual for the correct service additive specification to use.



MOTORCYCLE OILS & PRODUCTS

- **FOUR STROKE - TWO STROKE MOTORCYCLE OILS**
- **AIR FILTER PRODUCTS**
- **FORK OILS**

2T VS 4T MOTORCYCLE OIL

The first thing to know is that all motorcycle engines are either two-stroke (2T) or four-stroke (4T) with the core difference being the number of strokes the piston moves during each cycle.

Two-stroke motorcycle oil

For two-stroke engines, every two strokes of the piston produce power. These engines are cheaper to run and much lighter than the four-stroke models but also have some disadvantages such as inefficient fuel consumption, unwanted vibrations, higher pollution of the environment, etc. 2T engines are most commonly used in mopeds, bikes, go-carts, and other small vehicles. Two-stroke motorcycles require special 2T motorcycle lubricants, which come in various oil bases like petroleum, castor, synthetic and semi-synthetic. The most advanced 2T synthetic oils also have additives that boost the performance of the motorcycle oil (fuel stabilizer, detergent, anti-wear agents, biodegradable components, etc.) and provide additional benefits.

Four-stroke motorcycle oil

A four-stroke engine works just like a two-stroke one, but power is produced every four strokes of the piston. These engines are more efficient and less polluting than their 2T counterparts, which makes them a standard solution for all modern motorcycle engines. 4T engines require special four-stroke motorcycle oil that will not burn with the motorcycle fuel, but circulate around the engine, lubricating all the components. This type of motorcycle lubrication also reduces heat and filters out impurities. It is crucial to pick a quality oil like Valvoline's Durablend 4T with a high-quality base and various additives that boost performance.

MONOGRADE VS MULTIGRADE OILS

The second thing to pay attention to when buying or simply looking up motorcycle lubricants is monograde vs multigrade motorcycle oil ratings.

Monograde oils

These oils are not standard for motorcycles but are worth a mention for most new drivers. When you look at an oil label, you can see monograde oil marked with only one number, like 30 or 10W, according to the SAE standard. This means that this oil is suitable for operation in a very small window of temperature (in this case, either in hot temperatures of around 30 degrees or cold temperatures of around 10 degrees). Most motorcycles exist and work in a variety of climates, so it is crucial to opt for a formula that provides protection in a wider range of temperatures.

Multigrade oils

Multigrade oils (now used in most modern motorcycles) are marked by two numbers. If we look at Valvoline SynPower 4T 10W-50 oil, the first number tells about the oil's performance at low temperatures, and the second one describes behavior in higher temperatures. Multigrade oils have a higher range of performance and can suit most 4T engines. Also, they don't have to be changed depending on the climate outside, and you can rest assured that your bike will work perfectly all year round.

MINERAL VS SEMI-SYNTHETIC VS FULLY SYNTHETIC OILS

Most oil bottles also contain a parameter that tells about the base oil used in the particular product, such as mineral, semi-synthetic and synthetic.

Mineral oils

Mineral oils are the most basic type of engine oils, usually made with products or by-products of petroleum processing. They are good for small engines, and most manufacturers would recommend that new bike owners opt for mineral oils since they offer good protection for the engine.

Semi-synthetic oils

These oils are a mix of mineral and synthetic oils. The benefit of these oils is that they contain the best of both worlds—good protection and high performance—all provided by products such as Durablend 4T motorcycle oil.

Fully-synthetic oils

Fully-synthetic oils are the best option. They are made with pure polymer oils reserved for high-performance motorcycles. Machines like superbikes and racing motorcycles all require Racing 2T full-synthetic oils in order to achieve top performance.

FINAL WORDS

Most manufacturers have their own unique packaging for lubricants, but once you understand all the specific motorcycle oil ratings, you will always get to choose the best product for your bike instead of getting lost in all the numbers and terms. And with quality motorcycle lubricants from Valvoline, it is possible to have a safe ride, a healthy bike, and a happy wallet. Still not sure which oil to choose for your two-wheeler? Feel free to contact Valvoline staff and ask for advice, or check out our Lubricant Advisor.



FOUR-STROKE MOTORCYCLE OILS



SynPower 4T 5W-40

- API SN
- JASO MA
- JASO MA2
- JASO T 903
- JASO Wet Clutch friction test T 904

1L	862060
208L	887282
BULK	VE90252



DuraBlend 4T 10W-40

- API SL
- JASO MA
- JASO MA2

1L	862061
4L	VE14207
60L	VE14217
208L	VE14218
BULK	VE14219



SynPower 4T 10W-30

- API SN
- API SM
- JASO MA
- JASO MA2

1L	861911
208L	861869
BULK	861868



DuraBlend 4T 15W-50

- API SL
- JASO MA
- JASO MA2

1L	879997
BULK	879996



SynPower 4T 10W-40

- API SN
- JASO MA
- JASO MA2

1L	862066
4L	VE14007
208L	VE14018
BULK	VE14019

Always check the owner's manual for the correct oil specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



DuraBlend 4T 20W-50

- API SL
- JASO MA
- JASO MA2

1L	862063
BULK	VE90250



SynPower 4T 10W-50

- API SN
- JASO MA
- JASO MA2

1L	862067
4L	796017
208L	796015
BULK	795883

TWO-STROKE MOTORCYCLE OILS



SynPower 2T

- API TC
- JASO: FD
- ISO: L-EGD

1L	862065
BULK	VE90251



Racing 2T Blue

Developed for racing applications
CIK-FIA Agreed Lubricant

1L	867952
----	--------

Always check the owner's manual for the correct oil specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>





DuraBlend 2T

- API TC
- JASO: FD
- ISO: L-EGD

1L	862010
BULK	VE14119



DuraBlend Scooter 2T

- API TC
- JASO: FD
- ISO: L-EGD

1L	862064
BULK	VE14719

AIR FILTER PRODUCTS



Air Filter Oil

Suitable to protect virtually all motorcycle engines and other foam rubber air filters. Air Filter Oil prevents dust, dirt, sand and grime entering the motorcycle engine

1L	VE885
----	-------



Air Filter Cleaner

Suitable to protect virtually all motorcycle engines and other foam rubber air filters. Air Filter Oil prevents dust, dirt, sand and grime entering the motorcycle engine

5L	VE90630
----	---------

Always check the owner's manual for the correct oil specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvoline.com>



FORK OILS



SynPower Fork Oil 5W

Suitable for all motorcycle suspension systems where SAE 5W is recommended

1L	795859
BULK	795884



SynPower Fork Oil 10W

Suitable for all motorcycle suspension systems where SAE 10W is recommended

1L	795860
BULK	795885



SynPower Fork Oil 15W

Suitable for all motorcycle suspension systems where SAE 15W is recommended

1L	795881
BULK	795886



Always check the owner's manual for the correct oil specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



SPECIALITY OILS & FLUIDS

- **LAWNMOWER OIL**
- **CHAINSAW 2T**
- **OUTBOARD 2T & 4T**
- **SNOWMOBILE 2T**
- **POWER STEERING FLUID**
- **SCREEN WASHER**
- **BRAKE & CLUTCH FLUIDS**

Specialty fluids are designed for specific applications, such as extremely high temperatures, high pressure, or ultrahigh vacuum. Valvoline offers a variety of maintenance products specially designed to help improve the functionality of the vehicle or a piece of equipment and extend its operating life.

Here at Valvoline, we continue to work on diversifying our specialty fluids to be able to deliver products for highly-specific purposes. In our range, you will find automotive lubricants adequate for a range of vehicles and vehicle parts, engineered to provide functionality under different driving conditions, even the most severe ones.

TYPES AND APPLICATIONS

The Valvoline specialty fluids are highly versatile and have various applications. Each product is engineered to meet the highest industry standards. Our specialty fluids are classified into the following categories:

- Lawnmower Oil
- Chainsaw 2T
- Outboard 2T & 4T
- Snowmobile 2T
- Power Steering Fluid
- Screen Washer
- Brake & clutch fluids

Our specialty fluids are an ideal addition to a homeowner's selection of products used for vehicle maintenance. Additionally, Valvoline specialty fluids are also suitable for large workshops. Effective cleaning, lubricating, appearance, and specialty care products are standard equipment for all kinds of everyday tasks in a workshop.

BENEFITS

For more than 150 years, we have been delivering innovative lubricants for a variety of applications. We continue to perfect our specialty fluids to make sure they aid in your efforts to maintain your vehicle or piece of equipment and keep it operating at the most optimal level for years to come. All specialty fluids from our selection provide excellent lubrication and ultimate protection against wear, under all operating conditions. Additionally, they have excellent cleaning properties and prevent deposit formation. That way, they increase engine performance and minimize downtime for maintenance.

Most importantly, none of the products from our selection is considered to be a hazardous mixture. They comply with the defined safety standards. For more information on individual specialty fluid types from the Valvoline selection, refer to our product information sheets and safety data sheets. Before purchasing any of the products, read manufacturers' instructions to make sure that the specialty fluid is the most appropriate product for your needs. Your satisfaction and safety are our top priority!





Lawnmower Oil

- API SG/CD

1L	VE15960
----	---------



Durablend Chainsaw 2T

- API TC
- Husqvarna 242/346
- ISO L-EGD
- JASO FD

1L	VE15981
----	---------



Super Outboard 2T

- NMMA TC-W3
- Recertified RL-56669E

1L	VE16020
BULK	VE90255



Super Outboard 4T

- API SJ

1L	VE16040
4L	VE16047
208L	714353
BULK	VE90216



Snowmobile 2T

- API TC
- ISO L-EGD
- JASO FD

4L	879838
1000L IBC	890950

Always check the owner's manual for the correct service additive specification to use.

Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



Synpower Steering Fluid

- AUDI*, BMW*, SAAB*, Porsche*
- GM B 040 0070
- MAN M 3289
- MB-345.0
- Skoda*, Fendt*, FORD*, ZF*
- Volvo 1161529
- VW TL 52146 (G 002000)
- VW G004000M2

1L	VE18320
----	---------

*This product is not suitable for all the models of the brand. Check owners' manual before use



Screenwasher concentrated

- AUDI*, BMW*, SAAB*, Porsche*
- GM B 040 0070
- MAN M 3289
- MB-345.0
- Skoda*, Fendt*, FORD*, ZF*
- Volvo 1161529
- VW TL 52146 (G 002000)
- VW G004000M2

1L	760442
208L	760436

*This product is not suitable for all the models of the brand. Check owners' manual before use

BRAKE & CLUTCH FLUIDS

PRESERVING SAFE DRIVING CAPABILITIES

Ensures effective stopping and improve the brake system's functionality and performance.



Brake & Clutch Fluid DOT 4

- FMVSS 116 DOT 4
- ISO 4925 Class 4
- SAE J1704

500ML	883429
1L	883461
5L	883464



Brake & Clutch Fluid DOT 5.1

- FMVSS 116 DOT 5.1
- ISO 4925 Class 5.1
- SAE J1704

1L	883462
----	--------

Always check the owner's manual for the correct service additive specification to use.



Check the latest Approvals & Specifications: <https://pisheets.valvolineglobal.com>



WORKSHOP & DISPLAYS



Hardware



Can

500ML	887089
-------	--------



Sealing Faucet

TAP 25L	887141
---------	--------



Nozzle set Alu Can

NOZZLE SET	887090
------------	--------



Tap 20L Pail

TAP	684696
-----	--------

Hand Cleaner



Hand Cleaner

4,5L	VE59020
DISPENSER	VE91393
WALL MOUNT	825162

Displays



Retail Metal Display

RETAIL METAL DISPLAY	882855
----------------------	--------



20L Stand

20L STAND	887177
-----------	--------



60L Stand

60L STAND	888639
-----------	--------



Workshop Cabinet

WORKSHOP CABINET	887570
------------------	--------



ACEA	European Automobile Manufacturers' Association
AFC	AntiFreeze Coolant
AMF1 Team	Aston Martin Formula 1 Team
API	American Petroleum Institute
ASTM	American Society for Testing and Materials
ATF	Automatic Transmission Fluid
ATV	All-Terrain Vehicle
CUNA	Cuna Commissione UnifiCazione Normalizzazione Autoveicolo
CVT	Continuously Variable Transmission
DCT	Dual Clutch Transmission
DPF	Diesel Particulate Filter
EELQMS	European Engine Lubricants Quality Management System
EGR	Exhaust Gas Recirculation
ENV	Environmental
FE	Fuel Economy
GPF	Gasoline Particulate Filter
HOAT	Hybrid Organic Additive Technology
ILSAC	International Lubricant Specification Advisory Committee
ISO	International Organization for Standardization
JASO	Japanese Automotive Standards Organization
OAT	Organic Additive Technology
OEM	Original Equipment Manufacturer
OEM Approval	Product certification granted directly by OEM's. Based on extensive lubricant testing to ensure full compliance.
PTFE	PolyTetraFluoroEthylene
RC	Resource Conserving
SAE	Society of Automotive Engineers
SAPS	Sulfated ash, Phosphorus, sulfur. The product is primarily designed to meet European ACEA and OEM specifications for gasoline/diesel vehicles that have particulate filters.
Si-OAT	Silicate-Organic Additive Technology
TDL	Total DriveLine

Valvoline is working to upgrade and expand its European light duty product range in line with changes announced by the European Automobile Manufacturer's Association (ACEA).

DRIVERS OF CHANGE

These changes present a series of new challenges for engine oils, and higher operating temperatures. This requires that modern lubricants be formulated to deliver optimal performance under additional pressure. Under the ACEA's changes, new sequences and engine tests will be introduced and older ones phased out. In a break with convention, the ACEA is introducing the changes in a staggered manner. The first permitted use for the new categories was May 1st this year. A year following this, on May 1st, 2022, these new sequences will become mandatory for new claims. On May 1st, 2023, the ACEA 2016 sequences will expire. At this point they may no longer be used for further marketing of lubricants.

WHAT'S NEW?

EU's legislation, the OEM response and then ACEA's changes aim at ensuring full protection for the latest generation engines. The European Union's robust fuel economy and vehicle emission regulations are stimulating significant changes in engine design. This includes reduced engine sizes and introduction of turbochargers and Direct Injection (DI) in order to boost efficiency. Under the plans, new sequences ACEA A7/B7 and C6 have been introduced. Engine oils meeting the requirements of ACEA A7/B7 are high SAPS lubricants designed for use in turbocharged gasoline direct-injection engines and to mitigate the occurrence of low-speed pre-ignition events which can lead to engine failure. Engine oils meeting ACEA C6 are low SAPS lubricants which are designed for use in vehicles fitted with catalysts and Diesel Particulate Filters (DPF). They are also designed for use in TGD engines and to help protect against LSPI events. Becoming obsolete are categories A3/B3 and C1, which covered older gasoline and diesel engines and low SAP gasoline and DI diesel engines with aftertreatment systems respectively.

NEW TEST REQUIREMENTS

The requirements also see the introduction of a series of new tests, comprising wear (Seq. IVB Wear), low-speed pre-ignition (Seq. IX LSPI Test), chain wear (Seq. X Chain Wear Test), Toyota fuel economy (JASO Toyota WLTP Fuel Economy Test) and Toyota deposits. Two engine tests will become obsolete: diesel engine wear and effects of bio-diesel. The new test will replace the old ones, diesel piston cleanliness and ring sticking. For the new sequences, benchmarking will be upgraded with total base number limit according to ASTM D4739. For other sequences, the same bench test will be used for reporting.

VALVOLINE'S RESPONSE

As a response to the ACEA 2021 changes, Valvoline will make sure all products, with ACEA claims, mentioned in the above tables will fulfill the latest sequences. At the same time, the company is planning new product launches in the A7/B7 and C6 categories in the near future. It is Valvoline's aim to continue to offer fully qualified products meeting both its customers' requirements and those of new regulations.

Valvoline Global EMEA

<https://www.valvolineglobal.com/en-eur/valvolineeuropemarketing@valvoline.com>

Ellis Enterprises B.V.
Wieldrechtseweg 3
3316 BG Dordrecht
The Netherlands

Ellis Enterprises East
Mike Stojanovica 15
3700 Krusevac
Serbia

Follow us:
Valvoline Global EMEA



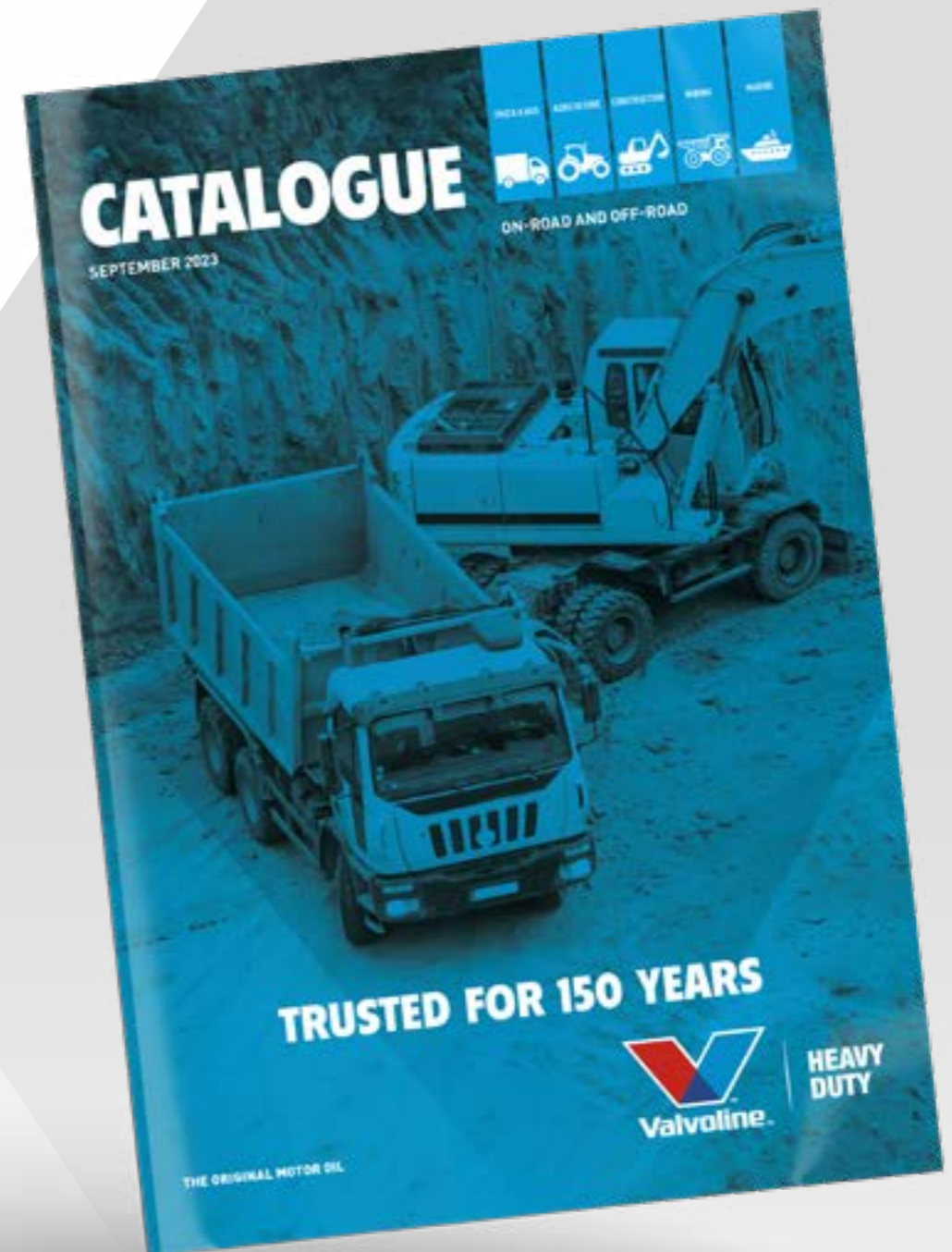
Lined area for notes on page 76.



Lined area for notes on page 77.



Lined area for notes.





CHECK IT OUT FROM THE LATEST COMMERCIAL & INDUSTRIAL PRODUCTS CATALOGUE.



Ellis Enterprises B.V., Affiliate of Valvoline Global Operations
Wieldrechtseweg 39 - 3316 BG Dordrecht - The Netherlands
www.valvolineglobal.com



VALVOLINE LUBRICANT ADVISOR APP

-  Lubricant Advisor
-  Service Additives Advisor
-  Technical Sprays Advisor
-  Product Information Sheets
-  Find Valvoline
-  Safety Data Sheets



Follow us:
Valvoline Global EMEA



™ Trademark of Valvoline Global operations. The information presented in this brochure is believed to be accurate and reliable. However, because the conditions and methods of use of the products are beyond Valvoline's control, Valvoline cannot assume any responsibility for performance or results obtained through the use of the products herein described. It shall be the responsibility of the user to determine the suitability of any of the products mentioned for the user's specific use. Valvoline's sole warranty is that the products shall at the time of delivery conform to the technical specifications in effect at the time of shipment. Any warranties that may be applicable pursuant to any laws or regulations, including any warranties of fitness for a particular purpose or merchantability, are expressly excluded. Unless expressly agreed otherwise, Valvoline's liability with regard to non-conforming products will be limited to the replacement value. Statements or suggestions concerning the possible use of the products described herein are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. Although every care is taken to ensure accuracy and completeness in compiling these data, no liability can be accepted for damage or loss caused by any errors or omissions in the information given.