



Valvoline[™]

SINCE 1866



HEAVY DUTY PRODUCT CATALOG

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INTRODUCTION

GALENA • SIGNAL • C

Valvoline is one of the world's first and most enduring lubricant brands. This fact alone makes Valvoline special. But it also reflects the values we uphold, and the proof of value we deliver. The world has changed considerably since Dr John Ellis introduced Valvoline in 1866. Valvoline not only evolved, but launched many groundbreaking innovations that changed the industry. Today, professional and consumer markets continue to trust Valvoline because we offer a better formula for businesses and consumers through innovative products, services and tools.

ABOUT VALVOLINE

OUR VALUES, VOW & VISION

Middle of the road is simply not good enough. As a specialized maintenance company, we develop premium products. But we also have to be extraordinary beyond products.

OUR VALUES

- It all starts with our people
- Safety is always our priority
- We are committed to winning... the right way
- We work hard, celebrate success and have fun
- We strive for greatness

OUR VOW

Our vow is to bring “Hands-On Expertise” for the benefit of our customers every day, moving the business forward with speed and excellence.

OUR VISION

We are building the world’s leading engine and automotive maintenance business. We will accelerate growth around the world by increasing our focus and investment in:

- The Valvoline brand, built on superior products and service
- Technology that enables speed, innovation and increased efficiency in every aspect of our business
- Strong value-adding relationships with our channel partners

VALVOLINE SOUTH AFRICAN HISTORY

- Valvoline has been present in South Africa since the late 1990s.
- Valvoline was an affiliate until FY 2012, providing Sales & Customer Service to the country.
- Valvoline changed over to an importer model from FY 2013, with Cummins and a third party partner being primary distributors in South Africa.
- Valvoline in FY 2017, further enhanced the distribution model and aligned with key strategic B2B and B2C partners in South Africa.

PERFORMANCE GUARANTEE

Performance is the only proof of product quality. With the Valvoline Performance Guarantee, Valvoline assures that its products will perform.

1 Valvoline warrants that products will meet the applicable specifications provided by Valvoline for each of our products. The wide range of Valvoline products feature individual formulations that meet and, in some cases, exceed the latest industry and vehicle OEM specifications.

3 Valvoline products are proven to provide added performance, longer life, and better protection for your equipment.

2 Valvoline uses only the highest quality base oils and the most technologically advanced additive systems to provide our customers with lubricants of unsurpassed quality.

4 Furthermore, Valvoline tests each batch of oil during the blending process. On-site quality assurance coordinators make certain that product specifications are maintained without exception.



VALVOLINE HEAVY DUTY PRODUCT CATALOG



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ENGINE OILS



ALL-FLEET

- Mineral or synthetic technology
- Excellent engine protection
- For mixed applications
- Approved by most major OEM's

ALL-FLEET ENGINE OILS



EXTRA DURABILITY FOR LONG-DRAIN PERFORMANCE

Developed for a wide range of heavy-duty engines, All-Fleet engine oils combat the higher levels of contamination and soot created in extended and long-drain operation to maintain advanced levels of engine protection and cleanliness. The All-Fleet range of super high-performance diesel (SHPD) engine oils meets required OEM specifications, and helps fleet owners optimize engine life-cycle cost and performance.



ALL-FLEET EXTRA 15W-40

- ACEA E7 heavy-duty engine oil developed for maximized engine durability
- Fulfills the requirements of Euro 3 and 4 trucks and offroad engines without DPF, allowing for full SAPS engine oil
- Compatible with EGR and SCR systems

PERFORMANCE LEVELS / APPROVALS

ACEA E7, API CI-4, CH-4, CG-4, Cummins CES 20076/77/78, Deutz DQC III-10, MAN M 3275-1, MB-228.3, MTU Type 2, Volvo VDS-3, Renault RLD/RLD-2, Mack EO-N, EO-M Plus, Caterpillar ECF-2, ECF-1-a, Global DHD-1

ALL-FLEET PLUS CH-4 15W-40

- Premium quality base oils and a high-tech additive package helps maximize engine durability
- Advanced chemistry reduces friction and engine component wear
- Unique formulation prevents deposit formation and protects against soot build-up

PERFORMANCE LEVELS / APPROVALS

ACEA: E7-12, E5-02, E3-96#4, API CH-4/SJ, MAN M 3275, MB-228.3, MTU type 2, Volvo VDS-3, Renault RLD/RLD-2, Cummins CES 20076/77, Mack EO-N, EO-M Plus, Detroit Diesel 93K215, Caterpillar ECF-1-a

Product Description	5L	20L	60L	208L
All-Fleet Extra 15W-40	-	VE13706	-	VE13718
All-Fleet PLUS CH-4 15W-40	-	833943	-	833942
All-Fleet Superior 10W-40	-	807011	-	806950
All-Fleet 50	-	882441	-	-
All-Fleet 40	-	-	-	882440
All-Fleet 10W	-	882347	-	882346

*Please refer to contact details on the back page for more information.



ALL-FLEET SUPERIOR 10W-40

- ACEA E4 heavy-duty engine oil made with synthetic technology, providing excellent engine protection and allowing for extended oil drain intervals
- Suitable for trucks and off-road engines without DPF, allowing for full SAPS engine oil
- The strong additive technology is providing excellent cold start protection and is keeping the engine clean over a long period
- Compatible with EGR and SCR systems

PERFORMANCE LEVELS / APPROVALS

MAN M 3277, MAN M 3377 MB-Approval 228.5, MTU Type 3
Volvo VDS-3, Mack EO-N, Renault RXD/RLD-2, ACEA E4, E7,
Deutz DQC IV-10



ALL-FLEET 50

- Suitable for diesel engines in light trucks, heavy trucks, buses, earthmoving machines etc.
- Can be used for truck fleets and mixed fleet operations and also for industrial engines
- Specially engineered for use in service fleets where it helps prevent the formation of sludge caused by frequent stop-and-go driving

PERFORMANCE LEVELS / APPROVALS

API: CF / SJ

Product Description	5L	20L	60L	208L
All-Fleet Extra 15W-40	-	VE13706	-	VE13718
All-Fleet PLUS CH-4 15W-40	-	833943	-	833942
All-Fleet Superior 10W-40	-	807011	-	806950
All-Fleet 50	-	882441	-	-
All-Fleet 40	-	-	-	882440
All-Fleet 10W	-	882347	-	882346

*Please refer to contact details on the back page for more information.



ALL-FLEET 40

- Suitable for diesel engines in light trucks, heavy trucks, buses, earthmoving machines etc.
- Can be used for truck fleets and mixed fleet operations and also for industrial engines
- Specially engineered for use in service fleets where it helps prevent the formation of sludge caused by frequent stop-and-go driving

PERFORMANCE LEVELS / APPROVALS

API: CF / SJ

ALL-FLEET 10W

- Suitable for heavy-duty engines where single grade motor oils are recommended
- Specially engineered for use in service fleets where it helps prevent the formation of sludge caused by frequent stop-and-go driving
- Can also be used, in some cases, as hydraulic oil or gear oil where specified by the manufacturer of the machine
- Can be used as hydraulic oil with the ISO 32 qualification

PERFORMANCE LEVELS / APPROVALS

API: CF

DRIVELINE LUBRICANTS



HEAVY DUTY GEAR OIL

- Formulated with premium quality mineral oils
- Provides anti-corrosion and anti-wear protection
- Increased wear protection over wide temperature ranges
- Excellent shock load resistance

HEAVY DUTY AXLE OIL

- Offer smooth running axle operation under various temperature conditions.
- Excellent driveline performance
- Protects against wear and corrosion.

HEAVY DUTY GEAR OIL



HEAVY DUTY GEAR OIL

Heavy Duty Gear Oil is a superior sulfur-phosphorus, extreme pressure gear lubricant formulated with premium quality base stock to meet the demands of HD axle performance. It is designed to provide excellent load carrying capacity, extreme pressure properties, anti-foam performance, demulsibility, corrosion protection and thermal stability. This product is recommended for conventional rear axles and transmissions requiring EP gear lubes under high speed, high load, high torque, and high horsepower conditions.

Heavy Duty Gear Oil is designed for use in hypoid, helical, spiral bevel, bevel and spur gears in differentials, final drives, and transmissions. It is suitable for use in heavy duty on and off-road truck and automotive differentials that don't require Limited Slip additive.



HEAVY DUTY GEAR OIL 80W-90

- For manual transmissions
- Offers smooth running gear operation under various temperature conditions
- Protects against rust and corrosion
- Increased wear protection over a wide temperature range

PERFORMANCE LEVELS

API GL-4

Product Description	1L	5L	20L	60L	208L
Valvoline Heavy Duty Gear Oil 80W-90	854745	-	-	-	866957

*Please refer to contact details on the back page for more information.

HEAVY DUTY AXLE OILS



HEAVY DUTY AXLE OILS

Valvoline Heavy Duty Axle Oil offers smooth running axle operation under various temperature conditions for multi-vehicle applications. The product is specially formulated to provide excellent driveline performance and protection against wear and corrosion.



HEAVY DUTY AXLE OIL 80W-90

- For rear axles and transaxles
- Increased wear protection over a wide temperature range

PERFORMANCE LEVELS

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



HEAVY DUTY AXLE OIL 85W-140

- For rear axles and transaxles
- Increased wear protection over a wide temperature range

PERFORMANCE LEVELS

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

Product Description	1L	5L	20L	60L	208L
Valvoline Heavy Duty Axle Oil 80W-90	-	866944	-	-	866946
Valvoline Heavy Duty Axle Oil 85W-140		*	866941	-	866942

*Please refer to contact details on the back page for more information.

INDUSTRIAL GEAR OIL



INDUSTRIAL GEAR OIL

- Excellent Extreme Pressure properties
- Formulated with premium quality mineral oils
- Proven anti-wear and anti-corrosion protection

INDUSTRIAL GEAR OIL



INDUSTRIAL GEAR OIL

PROVEN TECHNOLOGY FOR INDUSTRIAL GEAR OIL

Industrial gear oil which offers excellent extreme-pressure resistance, heavy load-carrying capability, high thermal stability and good water separation ability.

BENEFITS OF INDUSTRIAL GEAR OIL

- Excellent Extreme Pressure properties
- Formulated with premium quality mineral oils
- Proven anti-wear and anti-corrosion protection



VALVOLINE E.P.G. 150, 220, 320

- Suitable for industrial gearboxes and reduction gear units
- Excellent shock load resistance to meet variable load and r.p.m. conditions
- Does not affect or stain copper or bronze

PERFORMANCE LEVELS / APPROVALS

ISO VG 100, 150, 220, 320, DIN 51517 Part 3; AIST 224 (U.S. Steel 224); AGMA 9005-E02; CM P63, P74, P35; ISO 12925-1

Product Description	1L	5L	20L	60L	208L
Valvoline E.P.G. 150		-	-	-	VE16738
Valvoline E.P.G. 220		-	-	-	VE16758
Valvoline E.P.G. 320		-	-	-	VE16778

*Please refer to contact details on the back page for more information.

UNIVERSAL TRACTOR FLUID





UNITRAC

- Multi-purpose fluids
- Minimizes misapplications
- Protection against wear and corrosion
- Excellent friction properties

UNITRAC



RELIABLE, VERSATILE, AND UNIQUE PRODUCTS FOR FARMERS

The Valvoline range of products for the agriculture segment includes universal products for engines, transmissions, differentials and hydraulic systems.



VALVOLINE UNITRAC 80W

- API GL-4
- A premium multi-purpose fluid designed for year-round service in tractor hydraulic systems, transmissions and differentials with wet-brake systems and final drives. The product is not designed for use as an engine lubricant
- Protects against wear and corrosion of tractor components and has excellent friction properties

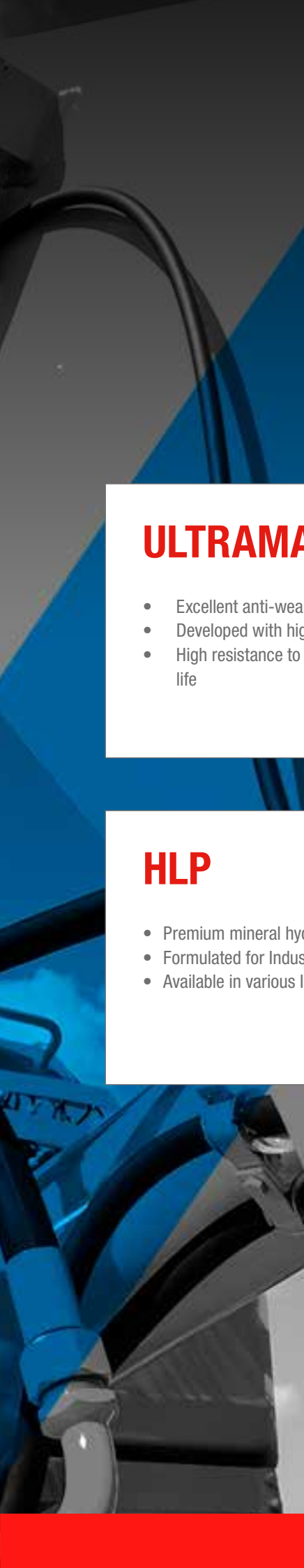
PERFORMANCE LEVELS / APPROVALS

API GL-4, Case MS 1205/6/7/9, Case MS 1205/10, Case MAT 3505, MAT 3509 (MS1230), Ford M2C-159B, Ford/New Holland FNHA-2-C-200.00, Ford/New Holland FNHA-2-C-201.00 (A), John Deere J20 D, ZF TE-ML 06E, White Farm (AGCO) Q-186 Massey Ferguson M 1135/1141/ 1143/1145, Ford M2C-134 A/B/C/D, M2C 86 B/C, M2C-43, John Deere J20 A/B/C, J14 B/C, J21A, ZF TE-ML 03E, 05F, 06K, 17E, Kubota UDT, Steiger SEMS 17001, Versatile 23M, 24M, Volvo VME, VCE WB 101, Allison C3, C4

Product Description	5L	20L	60L	208L
Valvoline Unitrac 80W	-	VE17106	-	VE17118

*Please refer to contact details on the back page for more information.

HYDRAULIC OILS



ULTRAMAX

- Excellent anti-wear and anti-corrosion protection
- Developed with high quality (synthetic) base oils
- High resistance to oxidation helping extends service life

HLP

- Premium mineral hydraulic oil
- Formulated for Industrial and earthmoving equipment
- Available in various ISO viscosity grades

ULTRAMAX



HEAVY DUTY PRODUCTS COMPANY © VALVOLINE

ULTRAMAX - THE PREMIUM CHOICE

Premium hydraulic oils formulated for industrial and earthmoving equipment. The Ultramax range is formulated with high-quality base oils and enhanced with a stabilized zinc additive system. Specially selected additives will guarantee a low pour point, outstanding oxidation stability, and enhanced flow characteristics. Excellent viscosity-temperature characteristics ensure suitability of using in several demanding situations and the high resistance to oxidation helps to extend service life.



ULTRAMAX HLP 32

For use in a variety of hydraulic systems, including cranes, forklifts, loading ramps, tail-boards, etc.



ULTRAMAX HLP 46

For use in a variety of hydraulic systems, including cranes, forklifts, loading ramps, tail-boards, etc.



ULTRAMAX HLP 68

For use in a variety of hydraulic systems, including cranes, forklifts, loading ramps, tail-boards, etc.



ULTRAMAX HLP 100

For use in a variety of hydraulic systems, including cranes, forklifts, loading ramps, tail-boards, etc.

PERFORMANCE LEVELS

DIN 51524 (part 2); ASTM D6158 HM (2005); Bosch Rexroth RDE 90240; Eaton brochure 03-401-2010; Fives Cincinnati P-68, P-69 and P-70; General Motors LS2 (2004); ISO 11158 HM (FDIS 2008); JCMAS HK P041 (2004); Parker Denison HF-0 (Revision J); SEB 181 222 (2007); US Steel 126, 127, 136

Product Description	5L	20L	60L	208L
Valvoline Ultramax HLP 32	-	VE16426	-	VE16438
Valvoline Ultramax HLP 46	-	-	-	VE16458
Valvoline Ultramax HLP 68	-	VE16466	-	VE16478
Valvoline Ultramax HLP 100	-	-	-	VE16498

*Please refer to contact details on the back page for more information.

HLP



CONVENTIONAL HYDRAULIC OILS

Valvoline HVLP/ HLP are conventional hydraulic oils formulated with quality mineral base oils and anti-wear additives to offer solid hydraulic performance in a wide range of applications.



VALVOLINE HLP 32

- Conventional hydraulic oil
- Good viscosity-temperature behavior
- Protects against corrosion, foaming and sludge formation



VALVOLINE HLP 46

- Conventional hydraulic oil
- Good viscosity-temperature behavior
- Protects against corrosion, foaming and sludge formation

PERFORMANCE LEVELS / APPROVALS

DIN 51524 (part 2)

PERFORMANCE LEVELS / APPROVALS

DIN 51524 (part 2)



VALVOLINE HLP 68

- Conventional hydraulic oil
- Good viscosity-temperature behavior
- Protects against corrosion, foaming and sludge formation

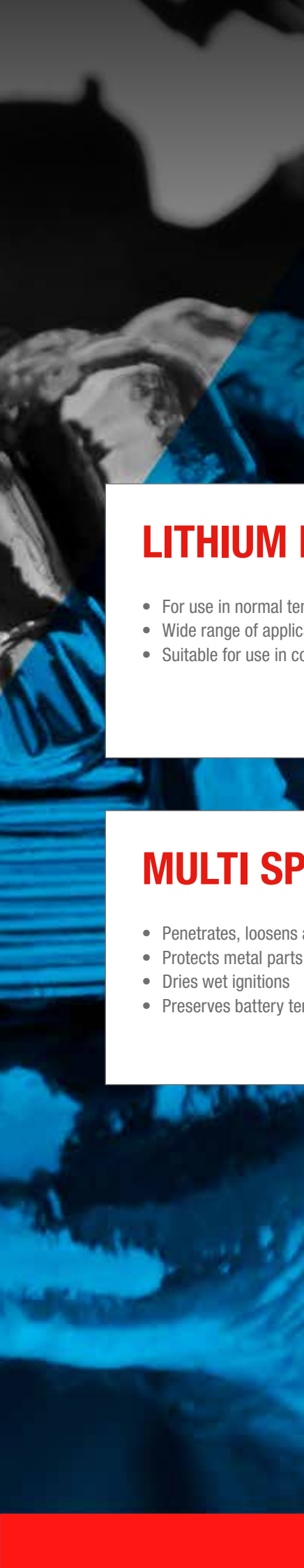
PERFORMANCE LEVELS / APPROVALS

DIN 51524 (part 2)

Product Description	5L	20L	60L	208L
Valvoline HLP 32	-	-	-	854005
Valvoline HLP 46	-	878270	-	854004
Valvoline HLP 68	-	878271	-	854002

*Please refer to contact details on the back page for more information.

MULTI-PURPOSE GREASES / LUBRICANT SPRAY



LITHIUM EP2 / MOLY 2

- For use in normal temperature conditions
- Wide range of application
- Suitable for use in construction, agricultural, marine, industrial and automotive applications

MULTI SPRAY

- Penetrates, loosens and lubricates
- Protects metal parts against corrosion
- Dries wet ignitions
- Preserves battery terminals from corrosion

LITHIUM EP2 / MOLY 2



MULTI-PURPOSE GREASES

High quality multi-purpose lithium EP grease developed for lubrication of automotive, construction and industrial equipment working under normal temperature conditions.

Valvoline Multi-purpose Lithium EP 2 is a Lithium thickened lubricating grease formulated with mineral base oil and improved with extreme pressure – EP – additives to lubricate and protect even in heavy loaded circumstances. Mechanically very stable and easily pumpable due to its smooth consistency.



High-performance heavy duty lithium grease formulated with molybdenum disulfide for heavy load applications. Provides water resistance, wear and friction control.

Valvoline Multipurpose Moly 2 is a Lithium thickened lubricating grease formulated with mineral base oil and enhanced with molybdenum disulfide to provide superior performance and protection. The product is mechanically very stable and, due to its smooth consistency, easily pumpable.



MULTIPURPOSE LITHIUM EP2

- Suitable for use in normal temperature conditions and for a wide range of plain and rolling bearings, where an extreme pressure grease is needed

Suitable for many applications:

- Construction, industrial and automotive

PERFORMANCE LEVELS

DIN 51502: KP2K-30, ISO 12924: L-XC(F)CHB2

MULTIPURPOSE MOLY 2

Suitable for use in a wide range of applications:

- Suspension joints, steering joints, fifth wheel, slow running bearings, open gears, machines working under damp conditions etc.
- Can be used in several constructions, agricultural, marine, industrial and mining applications

PERFORMANCE LEVELS

DIN 51502: KPF2K-30

Product Description	400ML	18KG	50KG	180KG
Multipurpose Lithium EP2	-	882957	-	882956
Multipurpose Moly 2	-	-	882599	-

*Please refer to contact details on the back page for more information.

MULTI SPRAY



LUBRICANT SPRAY

Valvoline Multi Spray is a blend of fast-acting super-penetrating solvents that evaporate, leaving a thin transparent protective film, rapidly loosens corroded fastenings and penetrates quickly into cracks, crevices and threads, freeing bolts, nuts and other fasteners. Annoying squeaks are silenced by friction-reducing lubricants. Cleans and protects all metals from rust and corrosion.

Use to loosen, dry, protect, lubricate and clean; bolts, sewing machines, lock mechanisms, distributors, spark plugs, tools, pipe threads, typewriters, hinges, guns, fishing reels, farm and garden equipment, rollers, wheels, nuts, boat parts, chains, clamps, appliances, chrome, zip fasteners, clocks, etc.

- Penetrates, loosens, lubricates, and protects metal parts from rust and corrosion
- Dries wet ignitions
- Preserves battery terminals from corrosion



MULTI SPRAY

- Use Multi Spray to loosen, dry, protect, lubricate and clean: bolts, sewing machines, lock mechanisms, distributors, spark plugs, tools, pipe threads, typewriters, hinges, guns, fishing reels, farm and garden equipment, rollers, wheels, nuts, boat parts, chains, clamps, appliances, chrome, zip fasteners, clocks, curtain rails and many, many more uses.
- Also can be used to lubricate the hinges and locks of garage doors, keeps lawn mowers in good condition and weather vanes point in the right direction.
- Multi Spray cleans and protects all metals from rust and corrosion. Removes tar, oil, adhesives and grime are easily from most surfaces.

Product Description	400ML	18KG	50KG	180KG
Multi Spray	VE54330	-	-	-

*Please refer to contact details on the back page for more information.

COOLANTS / ANTIFREEZE



MAXLIFE COOLANT

- Formulated for both new and higher mileage vehicles
- Prevents scaling and system deposits
- Protects seals, gaskets and aluminum
- Long-life formula (five years)

EXTENDED LIFE

- Protects the cooling system from frost, corrosion and overheating
- Fulfills the requirements of most leading heavy-duty engine manufacturers
- Environmentally friendly – free from amines and phosphates

HD NITRATE FREE

- Unique organic acid technology to protect diesel engines from pitting, scaling and deposits
- Protects all cooling system metals including aluminum from corrosion
- Wide application range including diesel engines, gasoline engines, stationary power, marine, natural gas, and light duty applications

MAXLIFE COOLANT



MAXLIFE COOLANT

Valvoline antifreeze coolant products are scientifically formulated to keep your vehicle running under extreme temperatures. Deposit buildup can block the flow of antifreeze coolant to your engine, leading to overheating, freezing, rust, corrosion and inconvenient breakdown.



MAXLIFE COOLANT AF 50/50 RTU

For all passenger car applications

- For both new and higher mileage vehicles
- Extra additives to prevent scaling and system deposits
- Protects seals, gaskets and aluminum
- Lubricates seals and hoses to prolong life
- Long-life formula (five years)

PERFORMANCE LEVELS / APPROVALS

ASTM D-3306 (D-4656), ASTM D-4985, BMW N600.69.0, BS 6580, 1992, Citroen (PSA B 71 5110), Cuna NC956-16, Detroit Diesel, Deutz MWM, Ford WSS M97 B44-D, GM B 040 0240, Isuzu, Jaguar, Leyland, DAF, MAN 324 Si-OAT, MAN 324 type NF, MAN B&W, MB-325.0, 2, 3, 5, 6, MTU, NATO S-759, O-Norm V5123, Opel 6277M, Peugeot (PSA B 71 5110), Renault RVI, Saab (6901 599), Steyr, SAE J1034, J814C, J1941, Scania, Volvo VCS, Volvo, Mack

MAXLIFE COOLANT AF CONCENTRATE

For all passenger car applications

- For both new and higher mileage vehicles
- Extra additives to prevent scaling and system deposits
- Protects seals, gaskets and aluminum
- Lubricates seals and hoses to prolong life
- Long-life formula (five years)

PERFORMANCE LEVELS / APPROVALS

ASTM D-3306 (D-4656), ASTM D-4985, BMW N600.69.0, BS 6580, 1992, Citroen (PSA B 71 5110), Cuna NC956-16, Detroit Diesel, Deutz MWM, Ford WSS M97 B44-D, GM B 040 0240, Isuzu, Jaguar, Leyland, DAF, MAN 324 Si-OAT, MAN 324 type NF, MAN B&W, MB-325.0, 2, 3, 5, 6, MTU, NATO S-759, O-Norm V5123, Opel 6277M, Peugeot (PSA B 71 5110), Renault RVI, Saab (6901 599), Steyr, SAE J1034, J814C, J1941, Scania, Volvo VCS, Volvo, Mack

Product Description	1L	4L	5L	20L	208L
MaxLife Coolant AF 50/50 RTU	808510	-	-	808508	-
MaxLife Coolant AF Concentrate	808503	-	808502	808501	808449

*Please refer to contact details on the back page for more information.

HD EXTENDED LIFE



HD EXTENDED LIFE

Cooling system protection at extreme low temperatures requires an exceptional product, Valvoline Coolant/Anti-Freeze (AF) products have been specifically designed to provide very high levels of protection even at temperatures as low as -36°C. Suitable for trucks, buses, and meeting the requirements of most leading car and truck manufacturers, it contains no nitrites, amines or phosphates. Coolant AFs can be used for both open and closed cooling systems, and are safe to mix with coolants based on ethylene glycol.

BENEFITS OF HD EXTENDED LIFE COOLANT AF FOR ALL HEAVY-DUTY APPLICATIONS

- HD Extended Life is an engine coolant for trucks, buses, road construction machines and industrial equipment, which fulfills the requirements of most leading heavy-duty engine manufacturers.
- The product is free of amines and phosphates, which makes it more friendly to the environment.
- HD Extended Life Coolant protects cooling systems against frost, corrosion and overheating for at least three years, 7.000 hours or 500.000 kilometers.
- The product is mixable with other coolants on basis of mono ethylene glycol, but that may shorten the long-life characteristics. It cannot be mixed with products on basis of Propylene Glycol. Depending on the desired protection against freezing the product can be mixed with water in several concentrations.



HD EXTENDED LIFE RTU

- Lower cost of operation
- Prevents scaling and system deposits
- Protects seals, gaskets and aluminum
- Prevents housing and system metals from corrosion
- Increased drain intervals (500.000 kilometers)

PERFORMANCE LEVELS / APPROVALS

ASTM D-6210, ASTM D-4985, ASTM D-3306 (D-4656), Afnor 15-601, BS 6580, Caterpillar EC -1, Cummins 14603, 3666286, Cuna NC 956-16, DAF, Detroit Diesel 7SE 298, Deutz MWM, MAN 324 type NF, MB 325.0, 2, 3, MAN B&W, MTU, O-Norm V5123, Renault RVI, Scania, Volvo VCS, SAE J 814, J 814C, J 1034, J 1941, NATO S-759, Isuzu, Leyland; Ford WSS M97 B44-D, Earthmoving machines.

Product Description	1L	4L	5L	20L	208L
HD Extended Life RTU	-	-	-	808513	808516

*Please refer to contact details on the back page for more information.

HD NITRATE FREE



HD NITRATE FREE

HD Nitrite Free Coolant RTU is registered to Cummins CES 14603, conforms to ASTM D6210 and is suitable for common heavy duty diesel engine requirements. It incorporates organic acid technology to protect diesel engines from liner pitting and hard water scale deposits. The silicate and nitrite free extended life chemistry protects all cooling system metals from corrosion including aluminum. Valvoline HD Nitrite Free Coolant can also be used in gasoline, stationary power, marine, natural gas and light duty applications. The product is backward compatible for all cooling systems using OAT coolants. Keep the cooling system full and check concentration or freeze point regularly.

BENEFITS OF HD NITRATE FREE COOLANT FOR ALL HEAVY-DUTY APPLICATIONS

- Superior protection by organic acid technology to protect diesel engines from liner pitting and hard water scale deposits. The silicate and nitrite free extended life chemistry protects all cooling system metals from corrosion including aluminum.
- HD Nitrite Free Coolant RTU is suitable for protection of modern heavy duty diesel engine coolant systems and provides enhanced protection for aluminum cooling systems. It covers a wide application range including diesel engines, gasoline engines, stationary power, marine, natural gas, and light duty applications.
- HD Nitrite Free Coolant RTU provides up to
- 6 years / 600,000 miles / 12,000 hours of service without the need for extenders due to non-depleting organic acid technology.
- HD Nitrate Free Coolant RTU is compatible with major long life and conventional brands of ethylene glycol based coolant. However, long life characteristic may be diminished by mixing with light duty or conventional fully formulated coolants.



HD NITRATE FREE COOLANT RTU

- Unique organic acid technology to protect diesel engines from pitting, scaling and deposits
- Protects all cooling system metals including aluminum from corrosion
- Wide application range including diesel engines, gasoline engines, stationary power, marine, natural gas, and light duty applications

PERFORMANCE LEVELS / APPROVALS

ASTM D6210, ASTM D3306, Aggreko Approved, GM 6277, GM 1899M, 1825M, TMC of ATA RP-329B, TMC of ATA RP- 338, Cat EC-1, Mack, Peterbilt, Ford, Chrysler, Cummins 14603 registered, SAE J1034, J814, Detroit Diesel 7SE298, Thermo King, Link Belt Freightliner, Terex, John Deere, Navistar CEMS B-1 Type III-A, Federal Specification A-A-870A, VW, Audi, MAN, Mercedes, MTU, Paccar, Scania, Volvo

Product Description	1L	4L	5L	20L	208L
HD Nitrate Free Coolant RTU	-	-	-	*	*

*Please refer to contact details on the back page for more information.

BRAKE FLUIDS



BRAKE FLUIDS

- High-Performance non-mineral oil
- High boiling point
- Specifically developed for hydraulic brake systems

BRAKE FLUIDS



BRAKE FLUID

SAFETY FIRST WITH HIGH-QUALITY FLUIDS

High-quality brake fluid is essential to ensure effective stopping power. Most vehicle manufacturers recommend changing brake fluids every two years to optimize braking performance and protect system components. Top-quality Valvoline brake fluids are available for all driving conditions and brake systems, including disc, drum and anti-skid (ABS) applications. Choosing Valvoline brake fluids is your guarantee of advanced performance and system protection.

BRAKE & CLUTCH FLUIDS HIGH-QUALITY FLUIDS

Valvoline Brake & Clutch Fluids are high-quality, non-mineral fluids based on glycol ethers, and are formulated specifically for hydraulic brake systems. The high boiling points of all products mean that they are safe for use within the brake system and can be mixed with other brake fluids with similar specifications. The hygroscopic properties of Valvoline Brake and Clutch Fluids absorb water that slowly lowers the boiling point. It is recommended that brake and clutch fluids are refreshed every two years.



BRAKE FLUID DOT 4

- High-performance non-mineral brake fluid
- Based on glycol ethers and specifically developed for hydraulic brake systems

PERFORMANCE LEVELS / APPROVALS

SAE J.1704 FMVSS 116 DOT 4 ISO 4925 Class 4

Product Description	500ML	1L	4L	5L	20L	208L
Brake & Clutch Fluid DOT 4	841592	-	-	841592	-	-

*Please refer to contact details on the back page for more information.

PRODUCT OVERVIEW

ALL-FLEET ENGINE OILS

Product Description	5L	20L	60L	208L
All-Fleet Extra 15W-40	-	VE13706	-	VE13718
All-Fleet PLUS CH-4 15W-40	-	833943	-	833942
All-Fleet Superior 10W-40	-	807011	-	806950
All-Fleet 50	-	882441	-	-
All-Fleet 40	-	-	-	882440
All-Fleet 10W	-	882347	-	882346

HEAVY DUTY GEAR / AXLE OIL

Product Description	1L	5L	20L	208L
Valvoline Heavy Duty Gear Oil 80W-90	854745	-	-	866957
Valvoline Heavy Duty Axle Oil 80W-90	-	866944	-	866946
Valvoline Heavy Duty Axle Oil 85W-140	-	*	866941	866942

INDUSTRIAL GEAR OIL

Product Description	1L	5L	20L	208L
Valvoline E.P.G. 150	-	-	-	VE16738
Valvoline E.P.G. 220	-	-	-	VE16758
Valvoline E.P.G. 320	-	-	-	VE16778

UNITRAC

Product Description	5L	20L	60L	208L
Valvoline Unitrac 80W	-	VE17106	-	VE17118

ULTRAMAX

Product Description	5L	20L	60L	208L
Valvoline Ultramax HLP 32	-	VE16426	-	VE16438
Valvoline Ultramax HLP 46	-	-	-	VE16458
Valvoline Ultramax HLP 68	-	VE16466	-	VE16478
Valvoline Ultramax HLP 100	-	-	-	VE16498

HLP

Product Description	5L	20L	60L	208L
Valvoline HLP 32	-	-	-	854005
Valvoline HLP 46	-	878270	-	854004
Valvoline HLP 68	-	878271	-	854002

MULTI-PURPOSE GREASES / LUBRICANT SPRAY

Product Description	400ML	18KG	50KG	180KG
Multipurpose Lithium EP2	-	882957	-	882956
Multipurpose Moly 2	-	-	882599	-
Multi Spray	VE54330	-	-	-

*Please refer to contact details on the back page for more information.

UNITRAC

Product Description	400ML	18KG	50KG	180KG
Multi Spray	VE54330	-	-	-

MAXLIFE

Product Description	1L	5L	20L	208L
MaxLife Coolant AF 50/50 RTU	808510	-	808508	-
MaxLife Coolant AF Concentrate	808503	808502	808501	808449

HD EXTENDED LIFE

Product Description	4L	5L	20L	208L
HD Extended Life RTU	-	-	808513	808516

HD NITRATE FREE COOLANT

Product Description	4L	5L	20L	208L
HD Nitrate Free Coolant RTU	-	-	*	*

BRAKE FLUID

Product Description	500ML	1L	4L	5L
Brake & Clutch Fluid DOT 4	841592	-	-	841592

*Please refer to contact details on the back page for more information.



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