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Lubricants for cars and trucks



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Engine Oils

Engine Oils for Passenger Cars

Aral SuperTronic SAE 0W-40*

*Product available only within Europe, Technology only partially released globally.

Fully synthetic high performance engine oil for gasoline and diesel engines with and without diesel particle filters. Based on 'Aral Synthese Technologie'.

- Universally applicable with an extensive approval profile
- 'Aral Low SAPS-Technologie' maximizes diesel particle filter lifespan
- Safety for the engine at extended drain intervals
- Lower fuel consumption of approximately 3 % and improved emissions performance

Industry and OEM Specifications:

ACEA A3/B3, A3/B4, C2, C3 • API SM/CF • BMW Longlife-04 • MB 229.31/ 229.51 • Porsche A40 • VW 502 00 und 505 00

Aral SuperTronic LongLife III SAE 5W-30*

*Product available only within Europe, Technology only partially released globally.

High performance engine oil based on latest technology for modern engines of the VW group** (VW, Audi, SEAT, Skoda).

- For gasoline and diesel engines
- Reduces engine wear and provides peace of mind against breakdown
- 'Aral Low SAPS-Technologie' maximizes diesel particle filter lifespan
- For engines with and without LongLife service
- Lower fuel consumption is environmentally beneficial

**except R5 and V10-TDI-Pump-Nozzle-engines in Phaeton, Touareg and T5 as well as certain Pump-Nozzle-Engines without LongLife service and without DPF. Consult User Manual.

Industry and OEM Specifications:

ACEA A3/B3, A3/B4, C3 • VW 504 00 and 507 00 (VW-Norm 503 01) • MB 229.51 • BMW Longlife-04 • Porsche C30

Aral SuperTronic G SAE 0W-30

Fully synthetic high performance engine oil for Mercedes-Benz, BMW- and GM-/Opel passenger cars.

- For diesel and gasoline engines
- Reduces engine wear and provides peace of mind against breakdown
- Can be used for extended oil change with flexible service intervals
- Lower fuel and oil consumption

Industry and OEM Specifications:

ACEA A3/B3, A3/B4 • API SL/CF • BMW Longlife-01 • FIAT 9.55535-G1 • MB 229.3/ 229.5 • Opel GM-LL-A-025, Opel GM-LL-B-025 • VW 502 00 und 505 00

Aral SuperTronic E SAE 0W-30

High performance engine oil with 'Aral Synthese Technologie'.

- For gasoline and diesel passenger cars from for example Volvo, Honda and Renault, needing engine oils according to ACEA A5, B5
- For extended drain intervals with certain Volvo cars.

Industry and OEM Specifications:

ACEA A5/B5 • API SL • ILSAC GF2

Aral HighTronic SAE 5W-40

High performance engine oil with 'Aral Synthese Technologie' for demanding driving conditions.

- For gasoline and diesel engines
- Exploits high performance reserves in engines with extended oil drain intervals and low top up requirements
- Lower fuel consumption is environmentally beneficial

Industry and OEM Specifications:

ACEA A3/B3, A3/B4 • API SL/CF • BMW Longlife-98 • MB 229.3 • Opel GM-LL-B-025 • Porsche A40 • VW 502 00 und 505 00

Aral Tronic 431 SAE 5W-40

High performance engine oil with 'Aral Synthese Technologie' for pump-nozzle-diesel engines.

- To be used in a number of VW engines with pump-nozzle-injection without LongLife Service built from 1999 to early 2001 and for a few Ford passenger cars (for example Ford Galaxy TDI).

Industry and OEM Specifications:

ACEA A3/B3, A3/B4, C3 • API SL/CF • Ford WSS-M2C917-A • VW 505 01, 502 00 und 505 00

Aral HighTronic C SAE 5W-30

High performance engine oil with 'Aral Synthese Technologie'.

- Developed particularly for passenger cars with diesel particle filters requiring an ACEA C1 compliant engine oil
- With Aral low SAPS-Technologie to help maximize life span of diesel particle filters

Industry and OEM Specifications:

ACEA A1/B1, A5/B5, C1



Aral HighTronic J SAE 5W-30

High performance engine oil with 'Aral Synthese Technologie'.

- Developed specially for French and Japanese cars requiring an ACEA C2 compliant engine oil.

Industry and OEM Specifications:

ACEA A1/B1, A5/B5, C2

Aral HighTronic R SAE 5W-30

High performance engine oil with 'Aral Synthese Technologie'.

- Developed specially for modern Renault Turbo diesel engines with diesel particle filters.

Industry and OEM Specifications:

ACEA C4 • Renault RN 0720

Aral HighTronic F SAE 5W-30

High performance engine oil with 'Aral Synthese Technologie' specially developed for passenger cars from Ford, Chrysler and Land Rover.

- For gasoline and diesel engines

Industry and OEM Specifications:

ACEA A1/B1, A5/B5 • API SL/CF • Ford WSS-M2C913-A, WSS-M2C913-B, WSS-M2C913-C • ILSAC GF-4

Aral BlueTronic SAE 10W-40

The engine oil with 'Aral Synthese Technologie'.

- For gasoline and diesel engines.

Industry and OEM Specifications:

ACEA A3/B4 • API SL/CF • MB 229.1 • VW 501 01 und 505 00

Aral Tronic SAE 15W-40

Multifunctional engine oil based on mineral oil technology with good performance additivation.

- For gasoline and diesel engines

Industry and OEM Specifications:

ACEA A2/B2 • API SH/CG-4 • MB 229.1

Engine Oils

Engine Oils for Heavy Trucks

Aral SuperTurboral SAE 5W-30

Engine oil displaying superior performance with 'Aral Synthese Technologie' for latest generation trucks.

- Fuel savings of up to 4 % when compared to a standard 15W-40 engine oil as demonstrated in numerous fleet tests
- For extended oil drain intervals of up to 150.000 km (please consult manufacturer handbook)
- Optimized cold start properties
- Excellent results in reducing deposits in turbo chargers and air inter-coolers
- Reduced wear to extend engine life
- Excellent performance also in diesel fuels with high sulfur content

Must not be used in gasoline cars.

Industry and OEM Specifications:

ACEA E4, E5, E7 • MB 228.5 • MAN M 3277 • Volvo VDS-2 • Scania LDF • Renault RXD • DAF HP-1/HP-2 • MTU (Öltyp 3) • ZF TE-ML 07C • Voith-Retarder Ölklasse B

Aral MegaTurboral SAE 10W-40

Engine oil of superior performance with 'Aral Synthese Technologie' for current truck diesel engines capable of extended drain intervals. Fulfills both high demands of truck manufacturers and strict European engine test protocols.

- Reduces wear through a resistant oil film also in extreme temperatures and heavy loads
- Optimized cold start properties
- Excellent performance also in diesel fuels with high sulfur content
- Capable of extended oil drain intervals up to 120.000 km (please consult manufacturer handbook)

Must not be used in gasoline cars.

Industry and OEM Specifications:

ACEA E4, E5, E7 • API CF • MB 228.5 • MAN M 3277 • Volvo VDS-2 • Renault RXD, RLD-2 • Voith-Retarder Ölklasse B

Aral MegaTurboral LA SAE 10W-40

Engine oil that conforms with strict Euro 4 and Euro 5 standards. Prevents deposits on major engine parts such as pistons and cams. Reduced Sulfur, Ash and Phosphorous content (Low SAPS Oil) makes this the right oil for Euro 4 and Euro 5. Maintains the efficiency of exhaust after-treatment systems ensuring continued compliance with emissions legislation.

- Designed to protect the latest European vehicles against all types of engine wear, deposit and soot build-up and bore polishing. The formulation continues to protect even under the most severe conditions thus extending engine life and preventing unscheduled downtime.
- Enables longer drain intervals

Must not be used in gasoline cars.

Industry and OEM Specifications:

ACEA E6, E7 • MB 228.51/ 235.27 • MAN M 3477 • Volvo VDS-3 • Renault RXD, RLD-2 • Voith-Retarder Ölklasse A • MTU (Öltyp 3.1)

Aral MegaTurboral S SAE 10W-40

Modern high performance diesel engine oil that can be used for very long oil drain intervals provided manufacturer recommendations are checked.

- For trucks and busses of European manufacturers (particularly Scania) not needing a low SAPS oil
- Can be used for older trucks, busses and off-road equipment assuming these need the specifications of the product

Must not be used in gasoline cars.

Industry and OEM Specifications:

ACEA E7 • API CH-4 • Volvo VDS-3 • Scania LDF-2

Aral ExtraTurboral SAE 10W-40

Engine oil with 'Aral Synthese Technologie' for mixed car parks with both diesel and gasoline cars.

- With powerful additivation providing fuel economy
- Reduced inventory due to its versatility based on mixed fleet properties
- Approved by car manufacturers for use at extended drain intervals
- Prevents cold and black sludge

Must not be used in gasoline cars.

Industry and OEM Specifications:

ACEA A3/B3, A3/B4, E3, E5, E7 • API CI-4/SL • MB 228.3/ 229.1/ 235.28 • MAN M 3275 • Volvo VDS-2 • Renault RLD • DAF HP-1/HP-2 • MTU (Öltyp 2) • Caterpillar ECF-2 • Cummins CES 20076, CES 20077, CES 20078 • Voith Retarder Ölklasse B



Aral PlusTurboral SAE 15W-40

Mineral oil based engine oil with excellent performance. Versatile formulation provides protection against wear and deposits, ensuring reduced maintenance costs and preventing unscheduled overtime.

Must not be used in gasoline cars.

Industry and OEM Specifications:

ACEA E3, E5, E7 • API CI-4/SJ • MB 228.3 • MAN M 3275 • Volvo VDS-2 • Renault RLD • Caterpillar ECF-2 • Cummins CES 20076, CES 20077

Aral MultiTurboral SAE 15W-40, 20W-50

Mineral oil based universal engine oil with very good performance for mixed car parks with both diesel and gasoline engines.

- Reduces many types of wear and will reduce the build-up of deposits
- Approved for use at standard drain intervals

Industry and OEM Specifications:

SAE 15W-40:

ACEA E2 • API CG-4, SH • MB 228.1/ 229.1 • MAN 271 • Volvo VDS

Industry and OEM Specifications:

SAE 20W-50:

ACEA B2, E2 • API CF-4, SG

Aral Kowal CNG SAE 15W-40

High performance engine oil specially designed for gas fuelled engines sensitive to the formation of deposits on the piston crown, which lead to uncontrolled ignition, consequent loss of engine performance and if unchecked, complete engine failure.

- Contains advanced anti-wear additives to protect against premature engine failure from wear, so reducing maintenance costs

Industry and OEM Specifications:

MB 226.9 • MAN M 3271-1 • Volvo CNG • Renault RGD • DAF HP Gas

Aral BasicTurboral SAE 10W, 20W-20, 30, 40, 50

Mineral oil based monograde engine oils with powerful additivation, may also be used as hydraulic oils. Can be used in hydraulic and transmission systems that specify use of a monograde engine oil.

Must not be used in gasoline cars.

Industry and OEM Specifications:

API CF/SF • MB 228.0

Aral SuperTractoral SAE 10W-30

Universal tractor oil based on mineral oil technology

- Provides excellent cold start protection which reduces engine wear
- Meets the requirements of many agricultural manufacturers
- Improved hydraulic response

Industry and OEM Specifications:

API CF-4, CE, SF, GL4 • Massey Ferguson M1144, M1139 • JDM J27

May be used when the following specifications are required:

John Deere J20C • Ford M2C-134D, M2C-159B • Massey Ferguson M1135

Aral SuperTractoral SAE 10W-40

Universal tractor oil with mineral oils.

- Provides excellent cold start protection which reduces engine wear
- Meets the requirements of many agricultural manufacturers
- Improved hydraulic response

Industry and OEM Specifications:

ACEA E2 • API CF-4, CE, SF, GL4 • ZF TE-ML 06C, 06D, 07B • Massey Ferguson M1144, M1139 • JDM J27

May be used when the following specifications are required:

John Deere J20C • Ford M2C-134D, M2C-159B • Massey Ferguson M1135

Transmission fluids for passenger cars and trucks

ATF

Aral Getriebeöl SGF 84

Automatic transmission fluid according to GM-Type A and other specifications according to manufacturers handbooks.

Industry and OEM Specifications:
MB 236.2

Aral Getriebeöl ATF 22

Automatic transmission fluid which fully meets the requirements of Dexron® II D type fluid. It is recommended for use in all automatic transmission and power steering systems specifying Dexron® IID and also for later Fords where a fluid meeting ESP-M2C155-H or SQM-2C9101-A is specified.

- The high thermal and oxidative stability combined with good wear control ensures transmissions are protected against rust and corrosion, which prolongs component life.
- A versatile product which meets the requirements of most ATF manufacturers, so reducing the number of products that need to be stocked.

Industry and OEM Specifications:
ZF TE-ML 03D, 04D, 11A, 14A, 17C • Voith 55.6335.3X • MB 236.6 • MAN 339 Typ Z1/V1 • Ford WSS-M2C185-A

Aral Getriebeöl ATF 55

Transmission fluid for automatic transmissions according to previous GM-specification Dexron III F-30589.

- Will improve low temperature gear shift and reduce component wear

Industry and OEM Specifications:
ZF TE-ML 04D, 14A, 17C • Voith 55.6335.3X • MB 236.9 • MAN 339 Typ Z1/V1 • Volvo Transmission Oil 97341:016

Aral Getriebeöl ATF M 12

Transmission fluid to be used in automatic passenger car transmissions according to current MB approval and GM specification with fuel economy potential.

Industry and OEM Specifications:
MB 236.12

Aral Getriebeöl ATF J

Transmission fluid with 'Aral Synthese Technologie' to be used in automatic transmissions for a series of Asian passenger cars.

- Fulfills and exceeds JASO 1A requirements for modern automatic transmissions according to manufacturer recommendations
- Shows excellent oxidation and friction stability, combined with superb cold temperature performance
- Ensures smooth and comfortable gear changes also in extreme temperatures

Industry and OEM Specifications:
JASO M315 Type 1A • Toyota Type T, T-II, T-III, T-IV • Nissan Matic Fluid C, D, J • Mitsubishi Diamond SP-II, SP-III • Suzuki ATF Oil and ATF Oil Special • Mazda ATF D-III und ATF M-3 • Daihatsu Alumix ATF Multi • Honda ATF Z-1 (not for CVT Gearboxes) • Subaru ATF • Hyundai • Kia • GM Daewoo

Aral Getriebeöl ATF E-S

Fully synthetic automatic transmission fluid according to GM specification ATF Type II E.

- Enables extended drain intervals for MB- and ZF- gearboxes

Industry and OEM Specifications:
ZF TE-ML, 04D, 09X, 14B, 16L • Voith 55.6336.3X • MB 236.8 • MAN 341 Typ Z2/V2

Aral Getriebeöl ATF LD

Fully synthetic automatic transmission fluid designed for use at maximum oil drain intervals in buses and coaches with automatic or semi-automatic transmissions. Its formulation is free from chlorine and heavy metals for reduced environmental impact.

- With excellent thermal and oxidative stability, combined with unique shear stability, will give extended drain capability and reduce service costs
- With outstanding cold flow properties combined with excellent extreme pressure and anti-wear additives that ensure the transmission is protected at all times especially at start-up
- The optimized frictional characteristics ensure smoother, more comfortable gear changes

Industry and OEM Specifications:
ZF TE-ML 04D, 11B, 14C, 16M • Voith H55.6336.3X • MB 236.81 • MAN 339 TYP Z3/V2



Manual

Aral Getriebeöle EP SAE 80W, SAE 85W-90, SAE 85W-140

Generic transmission fluids for manual transmissions designed to lubricate spur and helical gears, where the manufacturer specifies use of an extreme pressure (EP) lubricant. Their primary application is for use in commercial vehicle gearboxes, steering boxes and idlers. They can also be used in hypoid gears requiring API GL4 performance.

- Excellent thermal and oxidative stability combined with advanced extreme pressure and anti-wear additives to ensure the transmission is continuously protected, thus prolonging component life

Aral Getriebeöl EP SAE 80W

Industry and OEM Specifications:

API GL4 • ZF TE-ML 02A, 17A • MB 235.1 • MAN 341 Typ Z1/E1

Aral Getriebeöl EP SAE 85W-90

Industry and OEM Specifications:

API GL4 • ZF TE-ML 02A, 16A, 17A, 19A • MB 235.1 • MAN 341 Typ Z1/E1

Aral Getriebeöl EP SAE 85W-140

Industry and OEM Specifications:

API GL4

Aral Getriebeöl EP SYNTH. SAE 75W-90

High performance gear oil in with 'Aral Synthese Technologie'.

Can be used for multiple applications in passenger cars, 2-stroke-gearboxes as well as construction or agricultural transmissions.

Industry and OEM Specifications:

API GL4 + • VW 501 50 (G50)

Aral Getriebeöl SNS SAE 75W-80

Part-synthetic transmission fluid for use in manual transmissions as well as those equipped with re-/intarders, mechanical non-synchronized transmissions, steering systems and supplementary transmissions.

- Excellent synchroniser performance and balanced frictional characteristics improving shift comfort and functionality and improving fuel economy over conventional gear lubricants
- Exceptional temperature reduction through reduced friction gives longer oil and component life
- Outstanding anti-pitting behaviour, offering critical protection to surface of moving parts especially under high load
- High shear stability by having a constant viscosity during the oil life enhances performance and life of components

Industry and OEM Specifications:

API GL4 • ZF TE-ML 02D • MAN 341 Typ Z3/E3

Aral Getriebeöl SNS-A SAE 75W-85

Fully synthetic high performance manual transmission fluid recommended for most commercial vehicle manual transmissions (truck, bus, light commercial vehicle) where API GL4 lubricants are required.

- Provides excellent synchroniser performance and balanced frictional characteristics to improve shift comfort and functionality and improve fuel economy over conventional gear lubricants
- Outstanding anti-pitting behaviour for critical protection to surface of moving parts especially under high load

Industry and OEM Specifications: API GL4 • MB 235.4 •

MAN 341 TYP E4 • Volvo Transmission Oil 97307

Aral Getriebeöl SNS-B SAE 75W-80

Fully synthetic high performance transmission fluid for vehicle gearboxes, steering boxes and axles.

- To be used for oil drain intervals up to 400.000 km (please follow manufacturer recommendations)

Specifications: API GL4 • MAN 341 Typ E4/VR • Voith Retarder Ölklasse C

Aral Getriebeöl SNS-AT SAE 75W-90

Specifically for use in the manual transmissions of Mercedes Benz Actros vehicles.

- Excellent synchroniser performance which improves shift ability, reducing the 'hard' gear changing, often experienced in commercial vehicles
- Very good cold flow properties which provide smoother gear shift at low ambient temperatures due to reduced shifting forces
- Reduced torque loss increases efficiency over all transmission load ranges
- Increased wear protection of synchroniser and bearings during start-up phase
- Excellent temperature reduction
- Excellent thermal and oxidative stability allow superb transmission cleanliness and longer oil life which in turn permit extended drain and decreased servicing

Industry and OEM Specifications: API GL4 • MB 235.11

Aral Fluid HGS SAE 80W

Combined hydraulic and transmission fluid.

- Can be used in modern commercial vehicles where a single lubricant for hydraulic system, brakes and gear box is recommended

Industry and OEM Specifications: API GL4 • ZF TE-ML 03E, 05F, 17E •

MF M1145, M1143, M1135 (Service) • Case MS 1207, MS 1209 •

Volvo WB 101

Aral Fluid T0-4 10W, 30, 50

Transmission fluid universally applicable for construction and agricultural vehicles.

Industry and OEM Specifications: SAE 10W, 30: Allison C4 • ZF TE-ML 03C, 07F (SAE 30) • Cat Lastschaltgetriebeöl (TDTO) • Komatsu SAE 50: Cat Lastschaltgetriebeöl (TDTO) • Komatsu

Transmission fluids for passenger cars and trucks

Axle

Aral Getriebeöl HYP LS SAE 85W-90

Mineral oil based extreme pressure gear lubricant designed to cope with the special friction characteristics of limited slip differentials and associated hypoid gears. It has been developed particularly for use in limited slip rear axles fitted to high performance cars.

Industry and OEM Specifications:
API GL5 • ZF TE-ML 05C, 12C, 16E, 21C,

Aral Getriebeöle HYP SAE 80W, SAE 85W-90, SAE 85W-140

Recommended for use in the final drives of most vehicles and in some manual transmissions where API GL5 lubricants are required. It is not suitable for limited slip applications.

Aral Getriebeöl HYP SAE 80W

Industry and OEM Specifications:
API GL5 • ZF TE-ML 17B • MAN 342 Typ M1

Aral Getriebeöl HYP SAE 85W-90

Industry and OEM Specifications:
API GL5 • ZF TE-ML 05A, 16C, 17B, 19B, 21A • MB 235.0 • MAN 342 Typ M1

Aral Getriebeöl HYP SAE 85W-140

Industry and OEM Specifications:
API GL5 • ZF TE-ML 05A, 16D, 21A

Aral Getriebeöl SNA-D SAE 80W-90

Specifically designed for use in hypoid, bevel and spiral gear units, axles and final drives operating under severe conditions and over a wide range of operating temperatures.

- The product characteristics enable it to meet the requirements of several automotive manufacturers for cars, vans and commercial trucks or buses
- Should only be used for synchronized manual gearboxes if lubricants of API GL-5 performance level are explicitly recommended for such units

Industry and OEM Specifications:
API GL5 • ZF TE-ML 05A, 12E, 16B, 17B, 19B, 21A • MB 235.20 • MAN 342 M2 •

Aral Getriebeöl HYP SYNTH SAE 75W-90

High performance transmission fluid with 'Aral Synthese Technologie'.

- Multifunctional SAE 75W-90 for hypoid units and axles
- For heavy load transmissions both in passenger cars and commercial vehicles

Industry and OEM Specifications:
API GL5

Aral Getriebeöl BS SAE 75W-90

Specially designed and fully approved by BMW for use in all BMW final drives fitted with conventional (non limited slip) differentials. Should be used for BMW final drives fitted with limited slip differentials. Fully approved for MAN 342 for back axles.

- Excellent cold flow properties which provide superior pumpability and lead to measurable fuel savings and reduced emissions
- Offers high protection of the whole differential at low ambient temperatures

Industry and OEM Specifications:
API GL5 • ZF TE-ML 05B, 12B, 17B, 19C, 21B, • MAN 342 Typ S1 • Scania STO 1:0

Aral Getriebeöl BS-LSX 75W-140

A fully synthetic SAE 75W-140 hypoid gear oil formulated for use in both conventional and limited slip differentials.

- Whilst being suitable for all applications where a lubricant of this quality is specified, it is specially formulated for use in limited slip differentials fitted to Japanese vehicles requiring an SAE 75W-140 Extreme Pressure Gear Oil. Has additionally demonstrated outstanding performance in competition vehicles employing limited slip differentials.
- Is also specifically designed for BMW differentials including the Z3 limited slip differential.

Industry and OEM Specifications:
API GL5 • ZF TE-ML 05D, 12D, 16G, 18, 21D, • MB 235.61

Aral Getriebeöl SNA-C SAE 75W-90

Fully synthetic high performance transmission fluid for axles and manual transmissions for service intervals up to 400,000 km (please consult manufacturer handbook).

Industry and OEM Specifications:
API GL5 • ZF TE-ML 07A, 12B, 16F, 17B • MB 235.8 • MAN 342 Typ S1 • Scania STO 1:0



Manual and Axle

Aral Getriebeöl EP Plus SAE 80W-90

Designed for use in all types of automotive gear units, axles and final drives, including hypoid and synchronized transmissions.

- Is formulated to pass extreme-pressure tests required for highly loaded hypoid axle and synchromesh specifications for modern manual gear-boxes
- Was originally developed for commercial vehicles, but is suitable also for passenger cars, agricultural and construction equipment

Industry and OEM Specifications:

API GL4, GL5 und MT-1 • MAN 3343 Typ M •
ZF TE-ML 02B, 05A, 12E, 16B, 17B, 19B, 21A

Aral Getriebeöl SNA-E SAE 75W-90

Fully synthetic, multi-purpose heavy duty automotive gear lubricant for use in complete driveline applications requiring either API GL-4 or GL-5 performance. Careful selection of special high performance additives and synthetic base fluid technology gives exceptional low temperature fluidity whilst maintaining the compatibility and 'shiftability' requirements of most European synchromesh gear boxes.

- Provides the relatively high viscosity and load carrying characteristics necessary for heavy duty drive axles and transfer cases
- Fully compatible with conventional mineral oil based products, but its superior oxidative/thermal stability gives the potential for extended drain
- As an SAE 75W-90 grade, its low temperature flow properties deliver fuel economy benefits while its viscosity/temperature characteristics are suitable for year round use
- Recommended for service fill and top-up of commercial vehicles, construction equipment and passenger car manual transmissions, transfer cases and drive axles in DAF, Scania, Volvo, Eaton, Iveco and RVI equipment

Industry and OEM Specifications:

API GL1, GL5 • ZF TE-ML 02B, 05B, 12B, 16F, 17B, 19C, 21B •
MB 235.8 • MAN M 3343 TYP S, 341 Typ E3 • Scania STO 1:0

Aral Getriebeöl HYP SC SAE 85W-140

A generic transmission fluid exceeding API classifications GL4 and GL5.

Industry and OEM Specifications:

API GL5 und MT-1 • ZF TE-ML 05A, 12E, 16D, 21A • Scania STO 1:0

Specialities

Antifreeze

Aral Antifreeze Silikatfrei

A nitrite, phosphate, amine and silicate-free coolant containing ethylene glycol. It has been developed to meet the growing demand from manufacturers for a higher performance coolant based on organic acid technology (OAT).

- Aqueous solutions act as both an antifreeze and coolant and impart very good anti-corrosion protection to all metal parts found in the cooling systems especially for latest full aluminum engines

Industry and OEM Specifications:

VW, Audi, Seat, Škoda (VW TL 774D = G12+) • MB 325.3 • Ford WSS-M97B44-D • MAN 324 Typ SNF • Renault (Typ D) • DAF • Opel • ASTM D 4985, ASTM D 3306

Aral Antifreeze Extra

Balanced formulation of mono ethylene glycol and corrosion inhibitors. A nitrite, phosphate and amine-free coolant containing ethylene glycol. It has been developed to meet the growing demand from manufacturers for a higher performance coolant that minimises environmental impact.

- Aqueous solutions act as both an antifreeze and coolant and impart very good anti-corrosion protection to all metal parts found in the cooling systems especially for latest full aluminum engines

Industry and OEM Specifications:

VW, Audi, Seat, Škoda (VW TL 774C = G11) • MB 325.0 • MAN 324 Typ NF • BS 6580 • BMW • Liebherr • Opel • Porsche • Saab • MTU • Rover • Volvo • Deutz • BWB • ASTM D 4985-89, ASTM D 3306

Brakefluids

Aral Bremsflüssigkeit HS DOT 4

A high performance, synthetic brake fluid which exceeds the requirements of the SAE J1703, FMVSS116 DOT 3 and DOT 4, ISO 4925 and JIS K2233 specifications.

- Formulated from mixed polyalkylene glycol ethers together with carefully selected additives. These enable the fluid to operate at a high performance level throughout its service life, offering system protection together with ultimate braking confidence.
- Specially formulated to meet the demanding requirements of modern, high performance, automotive brake and clutch systems with the exception of those for which a mineral oil based fluid is specified

Industry and OEM Specifications:

ISO 4925 • SAE S 1704 • FMVSS 116, DOT 4

Aral Bremsflüssigkeit HS DOT 4 Super

A high boiling synthetic brake fluid which far exceeds the requirements of the SAE J1703, FMVSS 116 DOT 3 and 4, ISO 4925 and JIS K2233 specifications. Designed for use in all brake systems particularly those which are exposed to extreme conditions. This product has been formulated from mixed polyalkylene glycol ethers and borate ester together with other high performance additives and inhibitors which give ultimate system protection against the effects of corrosion and high temperature vapour lock.

Specifically designed to be a high temperature alternative to DOT 5.1 fluids. Its superior characteristics give added benefit in situations where extreme conditions are encountered and ultimate braking response required. Based on glycol ether and borate ester technology and as such has a high vapour lock point (measurement relating to high temperature performance under braking conditions). Because of the nature of this formulation, the vapour lock point can be sustained at a higher level than conventional glycol ether based fluids during the service life of the product. Should not be used in braking systems for which a mineral oil based fluid is recommended.

Industry and OEM Specifications:

SAE J 1703, FMVSS 116, DOT 4 (DOT 4+, DOT 4 Super) • ISO 4925



Additional products

Aral Kipper-Hydrauliköl

Special hydraulic fluid.

Industry and OEM Specifications:

MB 341 • DIN 51524T2 Typ HLP • ISO VG 15

Aral LHM +

Mineral based fluid specifically for Citroen hydraulic systems with green reservoirs. Specifically designed for use in powered hydraulic systems. Fully compatible with all elastomers used in existing automotive powered hydraulic systems recommending this fluid type. High viscosity index (VI) with unique viscometric properties.

Industry and OEM Specifications:

PSA B 712710

Greases

Aral Mehrzweckfett

A smooth lithium based grease.

- Universal grease for wide applications for passenger cars and trucks
- Contains hydroxystearate soaps which combine properties of good low temperature pumpability, good resistance to mechanical shear, ability to operate at moderately high temperatures and excellent water and corrosion resistance

Industry and OEM Specifications:

K 2K-30 • MB 267.0

Aral Mehrzweckfett F

Water resistant lithium based grease containing molybdenum disulphide (MoS₂).

- High load carrying capacity
- Reduced wear in heavy and shock loaded conditions, reducing machine downtime for repairs and maintenance
- Prevents scuffing and fretting. Good oxidation stability, water resistance and corrosion protection

Industry and OEM Specifications:

KPF 2K-30 • Ford • Caterpillar

Aral Langzeitfett H

A smooth lithium based grease with extreme pressure (EP) additives.

- Universal grease for wide applications for passenger cars and trucks
- Good oxidation stability, water resistance and corrosion protection

Industry and OEM Specifications:

KP 2K-20 • MB 267.0

Aral Radlagerfett

High performance lithium complex grease for use in ball or roller bearings operating at high speeds, high loads and high temperatures.

- Excellent thermal stability and wide operating temperature
- High load carrying capacity
- Good water resistance and adhesion to metal surfaces

Industry and OEM Specifications:

KP 2 N-30 • MAN 284 Li-H2

Aral Fließfett N

A lithium soap semi-fluid (NLGI 00) grease for centralized lubrication systems of trucks, buses and off-highway equipment.

- Wide operating temperature range
- Excellent load carrying capabilities. Good resistance to water, giving excellent corrosion protection

Industry and OEM Specifications:

GP 00 K-40 • MB 264.0 • Vogel • Lincoln



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The content of this brochure corresponded to surrender to the state of the art.
The right to change specifications and application notes are reserved.

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