



Wheelers[®]

Lubricants

 **MADE IN GERMANY**

PRODUCT RANGE

AUTOMOTIVE AND INDUSTRIAL PRODUCTS



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LUBRICANTS SPECIFICATIONS AND CLASIFICATIONS

ACEA EUROPEAN OIL SEQUENCES-GUIDELINE

Three main factors specifically affecting the European market: • Extended oil drain intervals • Fuel savings • Exhaust gas composition
ACEA specifications are guidelines for European cars. The different uses of the oils are labelled by the European ACEA 2012 classification by letter:

A / B	for passenger car gasoline and light duty diesel engines
C	for passenger cars gasoline and light duty diesel engines with after treatment devices
E	for commercial vehicles with heavy duty diesel engines

ACEA A / B FOR GASOLINE AND DIESEL ENGINE OILS

A1 / B1	Stable, stay-in-grade oil intended for use at extended drain intervals in gasoline engines and car & light van diesel engines specifically designed to be capable of using low friction low viscosity oils with a high temperature / high shear rate viscosity of 2.6 mPa*s for xW / 20 and 2.9 to 3.5 mPa*s for all other viscosity grades. These oils are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.
A3 / B3	Stable, stay-in-grade oil intended for use in high performance gasoline engines and car & light van diesel engines and / or for extended drain intervals where specified by the engine manufacturer, and / or for year-round use of low viscosity oils, and / or for severe operating conditions as defined by the engine manufacturer.
A3 / B4	Stable, stay-in-grade oil intended for use in high performance gasoline and direct injection diesel engines, but also suitable for applications described under A3 / B3.
A5 / B5	Stable, stay-in-grade oil intended for use at extended drain intervals in high performance gasoline engines and car & light van diesel engines designed to be capable of using low friction low viscosity oils with a High temperature / High shear rate (HTHS) viscosity of 2.9 to 3.5 mPa*s. These oils are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.

ACEA C FOR CATALYST COMPATIBILITY OILS

C1	Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines requiring low friction, low viscosity, low SAPS oils with a minimum HTHS viscosity of 2.9 mPa*s. These oils will increase the DPF and TWC life and maintain the vehicles fuel economy. Warning: these oils have the lowest SAPS limits and are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.
C2	Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines designed to be capable of using low friction, low viscosity oils with a minimum HTHS viscosity of 2.9 mPa*s. These oils will increase the DPF and TWC life and maintain the vehicles fuel economy. Warning: these oils are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.

C3

Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines, with a minimum HTHS viscosity of 3.5 mPa*s. These oils will increase the DPF and TWC life. Warning: these oils are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.

C4

Stable, stay-in-grade oil intended for use as catalyst compatible oil in vehicles with DPF and TWC in high performance car and light van diesel and gasoline engines requiring low SAPS oil with a minimum HTHS viscosity of 3.5 mPa*s. These oils will increase the DPF and TWC life. Warning: these oils are unsuitable for use in some engines. Consult owner manual or handbook if in doubt.

SAPS : Sulphated Ash, Phosphorus, Sulphur

DPF : Diesel Particulate Filter

TWC : Three way catalyst

HTHS : High temperature / High shear rate viscosity

ACEA E FOR HEAVY DUTY DIESEL ENGINE OILS

E4

Stable, stay-in-grade oil providing excellent control of piston cleanliness, wear, soot handling and lubricant stability. It is recommended for highly rated diesel engines meeting Euro I, Euro II, Euro III, Euro IV and Euro V emission requirements and running under very severe conditions, e.g. significantly extended oil drain intervals according to the manufacturer's recommendations. It is suitable for engines without particulate filters, and for some EGR engines and some engines fitted with SCR NOx reduction systems. However, recommendations may differ between engine manufacturers so Driver Manuals and / or Dealers shall be consulted if in doubt.

E6

Stable, stay-in-grade oil providing effective control with respect to piston cleanliness and bore polishing. It further provides excellent wear control, soot handling and lubricant stability. It is recommended for highly rated diesel engines meeting Euro I, Euro II, Euro III, Euro IV and Euro V emission requirements and running under severe conditions, e.g. extended oil drain intervals according to the manufacturer's recommendations. It is suitable for engines without particulate filters, and for most EGR engines and most engines fitted with SCR NOx reduction systems. However, recommendations may differ between engine manufacturers so Driver Manuals and / or Dealers shall be consulted if in doubt.

E7

Stable, stay-in-grade oil providing effective control with respect to piston cleanliness and bore polishing. It further provides excellent wear control, soot handling and lubricant stability. It is recommended for highly rated diesel engines meeting Euro I, Euro II, Euro III, Euro IV and Euro V emission requirements and running under severe conditions, e.g. extended oil drain intervals according to the manufacturer's recommendations. It is suitable for engines with or without particulate filters, and for most EGR engines and for most engines fitted with SCR NOx reduction systems. E7 is strongly recommended for engines fitted with particulate filters and is designed for use in combination with low sulphur diesel fuel. However, recommendations may differ between engine manufacturers so Drivers Manuals and / or Dealers should be consulted if in doubt.

E9

Stable, stay-in-grade oil providing effective control with respect to piston cleanliness and bore polishing. It further provides excellent wear control, soot handling and lubricant stability. It is recommended for highly rated diesel engines meeting Euro I, Euro II, Euro III, Euro IV and Euro V emission requirements and running under severe conditions, e.g. extended oil drain intervals according to the manufacturer's recommendations. It is suitable for engines with or without particulate filters, and for most EGR engines and for most engines fitted with SCR NOx reduction systems. E9 is strongly recommended for engines fitted with particulate filters and is designed for use in combination with low sulphur diesel fuel. However, recommendations may differ between engine manufacturers so Drivers Manuals and / or Dealers should be consulted if in doubt.

ILSAC STANDARD FOR PASSENGER CAR ENGINE OILS

GF-5	Introduced in October 2010, designed to provide improved high temperature deposit protection for pistons and turbochargers, more stringent sludge control, improved fuel economy, enhanced emission control system compatibility, seal compatibility, and protection of engines operating on ethanol-containing fuels up to E85.
GF-4	Use GF-5 where GF-4 is recommended.
GF-3	Use GF-5 where GF-3 is recommended.
GF-2	Use GF-5 where GF-2 is recommended.
GF-1	Use GF-5 where GF-1 is recommended.

GASOLINE ENGINES (Follow your vehicle manufacturer's recommendations on oil performance levels)

SN	Introduced in October 2010, designed to provide improved high temperature deposit protection for pistons and turbochargers, more stringent sludge control, improved fuel economy, enhanced emission control system compatibility, seal compatibility, and protection of engines operating on ethanol-containing fuels up to E85.
SM	For 2010 and older automotive engines.
SL	For 2004 and older automotive engines.
SJ	For 2001 and older automotive engines.
SH	OBSOLETE: For 1996 and older automotive engines.
SG	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1993. May not provide adequate protection against build-up of engine sludge, oxidation, or wear.
SF	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1988. May not provide adequate protection against build-up of engine sludge.
SE	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1979.
SD	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1971. Use in more modern engines may cause unsatisfactory performance or equipment harm.
SC	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1967. Use in more modern engines may cause unsatisfactory performance or equipment harm.
SB	CAUTION: Not suitable for use in most gasoline-powered automotive engines built after 1951. Use in more modern engines may cause unsatisfactory performance or equipment harm.
SA	CAUTION: Contains no additives. Not suitable for use in most gasoline-powered automotive engines built after 1930. Use in modern engines may cause unsatisfactory performance or equipment harm.

DIESEL ENGINES (Follow your vehicle manufacturer's recommendations on oil performance levels)

CJ-4	For high-speed four-stroke cycle diesel engines designed to meet 2010 model year on-highway and Tier 4 nonroad exhaust emission standards as well as for previous model year diesel engines. These oils are formulated for use in all applications with diesel fuels ranging in sulfur content up to 500 ppm (0.05% by weight). However, the use of these oils with greater than 15 ppm (0.0015% by weight) sulfur fuel may impact exhaust aftertreatment system durability and/or drain interval. CJ-4 oils are especially effective at sustaining emission control system durability where particulate filters and other advanced aftertreatment systems are used. Optimum protection is provided for control of catalyst poisoning, particulate filter blocking, engine wear, piston deposits, low- and high-temperature stability, soot handling properties, oxidative thickening, foaming, and viscosity loss due to shear. API CJ-4 oils exceed the performance criteria of API CI-4 with CI-4 PLUS, CI-4, CH-4, CG-4 and CF-4 and can effectively lubricate engines calling for those API Service Categories. When using CJ-4 oil with higher than 15 ppm sulfur fuel, consult the engine manufacturer for service interval.
CI-4	Introduced in 2002. For high-speed, four-stroke engines designed to meet 2004 exhaust emission standards implemented in 2002. CI-4 oils are formulated to sustain engine durability where exhaust gas recirculation (EGR) is used and are intended for use with diesel fuels ranging in sulfur content up to 0.5% weight. Can be used in place of CD, CE, CF-4, CG-4, and CH-4 oils. Some CI-4 oils may also qualify for the CI-4 PLUS designation.
CH-4	Introduced in 1998. For high-speed, four-stroke engines designed to meet 1998 exhaust emission standards. CH-4 oils are specifically compounded for use with diesel fuels ranging in sulfur content up to 0.5% weight. Can be used in place of CD, CE, CF-4, and CG-4 oils.
CG-4	OBSELETE: Introduced in 1995. For severe duty, high-speed, four-stroke engines using fuel with less than 0.5% weight sulfur. CG-4 oils are required for engines meeting 1994 emission standards. Can be used in
CF-4	OBSELETE: Introduced in 1990. For high-speed, four-stroke, naturally aspirated and turbocharged engines. Can be used in place of CD and CE oils.
CF-2	OBSELETE: Introduced in 1994. For severe duty, two-stroke-cycle engines. Can be used in place of CD-II oils.
CF	OBSELETE: Introduced in 1994. For off-road, indirect-injected and other diesel engines including those using fuel with over 0.5% weight sulfur. Can be used in place of CD oils.
CE	CAUTION: Not suitable for use in most diesel-powered automotive engines built after 1994.
CD-II	CAUTION: Not suitable for use in most diesel-powered automotive engines built after 1994.
CD	CAUTION: Not suitable for use in most diesel-powered automotive engines built after 1994.
CC	CAUTION: Not suitable for use in most diesel-powered engines built after 1990.
CB	CAUTION: Not suitable for use in most diesel-powered engines built after 1961.
CA	CAUTION: Not suitable for use in most diesel-powered engines built after 1959.

SAE VISCOSITY GRADES: PASSENGER CAR MOTOR OIL

Multigrade oils such as SAE 5W-30 and 10W-30 are widely used because, under all but extremely hot or cold conditions, they are thin enough to flow at low temperatures and thick enough to perform satisfactorily at high temperatures. Note that vehicle requirements may vary. **Follow your vehicle manufacturer's recommendations on SAE oil viscosity grade.**

If lowest expected outdoor temperature is

0°C (32°F)

-18°C (0°F)

Below -18°C (0°F)

Typical SAE viscosity grades for passenger cars





0W-20, 0W-30, 5W-20, 5W-30, 10W-30, 10W-40, 20W-50

0W-20, 0W-30, 5W-20, 5W-30, 10W-30, 10W-40

0W-20, 0W-30, 5W-20, 5W-30

AUTOMOTIVE PRODUCTS

MULTIGRADE ENGINE OILS FOR PASSENGER CARS AND LIGHT COMMERCIAL VEHICLES

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS WVS SAE 0W-40</p> <p>Fully synthetic low friction motor oil for gasoline- and diesel-engines, especially for advisable for multivalve arrangement, Turbo Charger and Direct Injection (DI).</p>	<p>API SN/CF · ACEA A3-/B4</p> <p>VW 502 00 / 505 00 Renault RN 0700/0710 Porsche A40 BMW Longlife-01 MB 229.5</p>	
<p>WHEELERS WDI SAE 0W-30</p> <p>High performance low friction oil for passenger cars gasoline- and diesel-engines.</p>	<p>API SN · ACEA C2/C3</p> <p>VW 504 00 / 507 00 MB 229.52 / 229.51 / 229.31 Fiat 9.55535-GS1 Porsche C30</p>	
<p>WHEELERS WVM SAE 5W-30</p> <p>Modern high performance low friction oil, which extends lifetime of exhaust-after treatment-devices (Diesel Particulate Filter; Catalytic Converter) of gasoline- and diesel-engines.</p>	<p>ACEA C3-12</p> <p>Porsche C-30 MB 229.51 VW 504 00 / 507 00 BMW Longlife-04</p>	
<p>WHEELERS HTS SAE 5W-20</p> <p>Fully Synthetic Fuel Efficient low friction Engine Oil. -Stable lubrication film at all operation conditions -Outstanding cold starting properties -Low oil consumption and high fuel efficiency</p>	<p>API SN</p> <p>ILSAC GF-5 DEXOS 1 Chrysler MS-6395 Ford WSS-M2C925-A/B</p>	
<p>WHEELERS WPF SAE 5W-30</p> <p>High performance low friction oil for passenger cars gasoline- and diesel-engines of the VW-Group, also for FSI. Suitable for vehicles with VW Longlife-Service. Special oil for diesel engines with Diesel Particulate Filter (DPF).</p>	<p>ACEA A3-/B4- /C3</p> <p>VW 504 00 / 507 00 MB 229.51 BMW Longlife-04</p>	

PRODUCT DESCRIPTION

WHEELERS TSI SAE 5W-30

Newest generation high-performance low friction oil for passenger cars and light commercial vehicles.

SPECIFICATION / RECOMMENDATION

API SN/CF · ACEA A3- / B4

Porsche A 40
VW 504 00 / 507 00
Renault RN 0700/0710
Opel GM-LL-B-025
PSA B71 2296
PSA B71 2296
VW 502 00 / 505 00
SKODS, AUDI, SEAT
MB 229.3



WHEELERS WBM SAE 5W-30

High performance low friction motor oil for passenger cars with exhaust after Treatment and without. (unit-injector systems).

API SN/CF · ACEA C3-12/A3-/B4

BMW Longlife-04
GM dexos 2
MB 229.52 (covers MB 229.31)
VW 502 00 / 505 00 / 505 01
VW 502 00 / 505 00 / 505 01



WHEELERS WLV SAE 5W-30

High Performance Low Friction Oil for passenger cars gasoline- and diesel-engines.

ACEA C1-/A5-/B5

JASO DL-1
Mazda DPF
Mitsubishi DPF



WHEELERS WM SAE 5W-30

High performance low friction oil for passenger cars gasoline- and diesel-engines especially Opel-engines.

API SL/CF ACEA A3- / B4

Opel LL-A-025/-B-025



WHEELERS WJP SAE 5W-30

All seasons-low friction motor oil for all passenger car engines required a Fuel Economy (FE)-oil.

API SN · ACEA A5 - / B5 - / C2

Opel LL-A-025/-B-025
Honda, Hyundai, KIA, Mazda, Subaru
ILSAC GF-4, GM 6094 M
Ford WSS-M2C 913-D (covers
913-A, B -C)
Ford WSS-M2C 929-A



WHEELERS WBM SAE 5W-40

Fully Synthetic low friction oil of the new "Low SAP"-generation for passenger car engines with exhaust aftertreatment devices (catalytic- converter, diesel particulate filter) and without.

API SN/CF · ACEA C3-12 / A3- / B4

Opel LL-A-025/-B-025
Porsche A 40
Renault RN 0700 / RN 0710
Ford WSS-M2C 917-A
VW 502 00 / 505 00 / 505 01
BMW Longlife-04
MB 229.51 (covers MB 229.31)



PRODUCT DESCRIPTION

WHEELERS WHC SAE 5W-40

Newest generation high-performance low friction oil for passenger cars and light commercial vehicles.

SPECIFICATION / RECOMMENDATION

API SN/CF · ACEA A3- / B4-12

Porsche A 40, Renault RN 0700/0710
Opel GM-LL-B-025, PSA B71 2296
Approval according VW 502 00 / 505 00
and MB-approval 229.3



WHEELERS HCS SAE 10W-30

Semi- synthetic low friction oil for gasoline and diesel engines. Excellent suitable in modern passenger car engines, turbo –or non-turbo charged.

API SN/CF ACEA A3 / B4

VW 505 00
MB 229.1
Toyota, Nissan, Honda
Mitsubishi, Isuzu, Subaru, Daihatsu
Mazda, Suzuki KIA, Hyundai,
SsangYong, Daewoo, Lexus.



WHEELERS HPS SAE 10W-40

Semi- synthetic low friction oil for modern gasoline and diesel engines. Excellent suitable in modern passenger car engines, turbo –or non-turbo charged.

API SN/CF · ACEA C3-12/A3-/B4

BMW Longlife-04
GM dexos 2
MB 229.52 (covers MB 229.31)
VW 502 00 / 505 00 / 505 01
VW 502 00 / 505 00 / 505 01



WHEELERS HCL SAE 15W-40

High Performance multigrade Motor to be used in modern passenger cars gasoline and diesel engines. Suitable also under severe operating conditions in modern passenger car engines, turbo- or non-turbo charged.

ACEA C1- /A5- /B5

JASO DL-1
Madzda DPF
Mitsubishi DPF



WHEELERS WSS SAE 10W-40

Semi- synthetic low friction oil for gasoline and diesel engines. Excellent suitable in modern passenger car engines, turbo –or non-turbo charged.

API SL/CF · ACEA A3- / B4-08

VW 505 00
MB-approval 229.1






WHEELERS WMO SAE 15W-40

High-performance oil for gasoline and diesel engines in passenger cars and light commercial vehicles. Especially suited for turbo chargers and multi-valve engines.

API SL/CF · ACEA A3- / B4

VW 501 01 / 505 00
MB 229.1



PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS GT SAE 20W-50</p> <p>Multigrade motor oil to be used in passenger cars gasoline and diesel engines. It is produced by blending high quality base oils and additives of most progressive technology. Suitable also under severe operating conditions in modern passenger car engines, turbo- or non-turbo charged.</p>	<p>API SL/CF</p>	
<p>WHEELERS WLD SAE 15W-40</p> <p>Multigrade engine oils for prior gasoline and diesel engines with turbo chargers and without.</p>	<p>API SF/CD</p>	
<p>WHEELERS WLD SAE 20W-50</p> <p>Multigrade engine oils for prior gasoline and diesel engines with turbo chargers and without.</p>	<p>API SF/CD</p>	






MULTIGRADE ENGINE OIL

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS RAC SAE 5W-50</p> <p>Fully synthetic high performance low friction oil for racy high-tech gasoline and diesel engines of passenger cars.</p>	<p>API SN/CF · ACEA A3- / B4-08</p>	
<p>WHEELERS RAC SAE 10W-60</p> <p>Fully synthetic high performance low friction oil for racy high-tech gasoline and diesel engines of passenger cars.</p>	<p>API SN/CF · ACEA A3- / B4-08</p>	

MOTORCYCLE OILS

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS MOTOBIKE 4T SAE 10W40 SAE 10W-40</p> <p>High performance special oil for any motorcycles with air- or water-cooled 4-stroke engines of highest output.</p>	<p>API SL · ACEA A3-04 · JASO MA2</p>	
<p>WHEELERS MOTOBIKE 4T SAE 10W40 SAE 10W-50</p> <p>High performance special oil for any motorcycles with air- or water-cooled 4-stroke engines of highest output.</p>	<p>API SL · ACEA A3-04 · JASO MA2</p>	
<p>WHEELERS MOTOBIKE 4T SAE 10W40 SAE 10W-60</p> <p>High performance special oil for any motorcycles with air- or water-cooled 4-stroke engines of highest output.</p>	<p>API SL · ACEA A3-04 · JASO MA2</p>	
<p>WHEELERS MOTOBIKE 4T SAE 10W40 SAE 15W-40</p> <p>High performance special oil for any motorcycles with air- or water-cooled 4-stroke engines of highest output.</p>	<p>API SL · ACEA A3-04 · JASO MA2</p>	
<p>WHEELERS MOTOBIKE 4T SAE 10W40 SAE 20W-50</p> <p>High performance special oil for any motorcycles with air- or water-cooled 4-stroke engines of highest output.</p>	<p>API SL · ACEA A3-04 · JASO MA2</p>	


MULTIGRADE ENGINE OILS FOR COMMERCIAL VEHICLES

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS LSAP · SAE 10W40 SAE 10W-40</p> <p>Semi-synthetic high performance low friction diesel oil. Due to reduced sulfur-, phosphor- and ash content suitable for exhaust aftertreatment systems (Euro V standard).</p>	<p>API CJ-4 / SM · ACEA E9 / E7</p> <p>MTU Typ 3.1 · Renault RXD/RGD Mack EO-M Plus · Deutz DQC IV-10 LA Volvo CNG and Scania LA MAN M3477, MAN 3271-1 MB 228.51 · Volvo VDS-3 · Mack EO-N and Renault VI RLD-2</p>	
<p>WHEELERS MSAP · SAE 10W40 SAE 10W-40</p> <p>High-performance engine oil for low-emission engines recommended for four-stroke naturally aspirated engines, turbocharged engines and supercharged diesel engines.</p>	<p>API CJ-4 / SM · ACEA E9 / E7</p> <p>Caterpillar ECF-3 / ECF-2 / ECF-1a Cummins CES 20081 and JDQ-78X Volvo VDS-4 Mack EO-O Premium Plus Renault VI RLD-3</p>	
<p>WHEELERS MSAP · SAE 15W40 SAE 15W-40</p> <p>High-performance engine oil for low-emission engines recommended for four-stroke naturally aspirated engines, turbocharged engines and supercharged diesel engines.</p>	<p>API CJ-4 / SM · ACEA E9 / E7</p> <p>MB 228.31, MAN 3275 / 3575 MTU Typ 2.1, DDC 93K218 Caterpillar ECF-3 / ECF-2 / ECF-1a Cummins CES 20081 Mack EO-O Premium Plus Volvo VDS-4 Renault VI RLD-3</p>	
<p>WHEELERS UHPD · SAE 10W40 SAE 10W-40</p> <p>High performance UHPD low friction oil for Euro V commercial vehicle engines.</p>	<p>API CI-4 / SL · ACEA E7 / E4</p> <p>MTU Typ 3 · Deutz DQC III-10 Renault RXD · Cummins CES 20076, 20077, 20078 Caterpillar ECF 1-a · Scania LDF-2 MAN M3277 / M3377, MB 228.5 · Volvo VDS-3 Mack EO-N and Renault VI RLD-2 Renault VI RLD-3</p>	
<p>WHEELERS XH · SAE 10W40 SAE 10W-40</p> <p>High performance UHPD low friction oil for Euro V commercial vehicle engines.</p>	<p>API CI-4 / SL · ACEA E7 / E4</p> <p>MTU Typ 3 · Deutz DQC III-10 · Renault RXD Cummins CES 20076, 20077, 20078 Caterpillar ECF 1-a Scania LDF-2 MAN M3277 / M3377 MB 228.5 · Volvo VDS-3 Mack EO-N and Renault VI RLD-2</p>	

MULTIGRADE ENGINE OILS FOR MIXED FLEETS




PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS MF SAE 10W-40</p> <p>High performance low friction oil for highest standards.</p>	<p>API CI-4 / SL · ACEA E7- / A3- / B4-04</p> <p>API CI-4/ SL · ACEA E7 / B4 / A3 MAN M3275, MB 228.3, Volvo VDS-3, Deutz DQC III-10 Caterpillar ECF-1a and ECF-2 Cummins CES 20076/ 2007 MTU Type 2</p>	
<p>WHEELERS MF SAE 15W-40</p> <p>High performance low friction oil for highest standards.</p>	<p>API CI-4/CF / SL · ACEA E7-12 A3-/B4-12</p> <p>API CI-4/SL · ACEA E7-12 A3-/B4-12 MAN M3275, MB 228.3 MB 229.1 Caterpillar ECF-1, Volvo VDS-3, Renault RLD-2, DEUTZ DQC III-10, DHD-1, MTU Type 2, DHD-1</p>	
<p>WHEELERS MF SAE 20W-50</p> <p>High performance special oil for any motorcycles with air- or water-cooled 4-stroke engines of highest output.</p>	<p>API CI-4 / SL, ACEA E7-12 A3-/B4-12</p> <p>MB 228.3 & 229.1 MAN M 3275 MTU Type 2</p>	
<p>WHEELERS HD SAE 50</p> <p>Monograde HD engine oil for the supply of diesel engines in stationary systems and locomotives.</p>	<p>API SF / CF / CF-4</p>	

2 STROKE ENGINE OILS




PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS MARINE OIL- 2T</p> <p>Self-mixing semi-synthetic 2-stroke oil for fresh water cooled outboard engines.</p>	<p>API NMMA TC-W3</p>	

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS SCOOTER -SS</p> <p>Semi-synthetic 2-stroke engine oil for universal use in Petrol and separate lubricated units, especially in high-performance engines of motor vehicles, mopeds, chain saw drives, snowmobiles etc.</p>	<p>API TC · (JASO FD) · (ISO-L-EGD)</p>	
<p>WHEELERS SCOOTER -VS</p> <p>Fully synthetic high-performance 2-stroke oil for water- or air-cooled racing and road-engines with separate or Petrol lubrication. Developed especially for high speed engines.</p>	<p>API TC · (JASO FD) · (ISO-L-EGD)</p>	

AGRICULTURE AND MACHINERY

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS UNTRACTOL STOU SAE 10W-30</p> <p>Universal oil for supplying any machinery and units in the agricultural sector.</p>	<p>API CF/CG-4/SF ACEA E3-96</p> <p>API GL-4 Allison C4-4, Case NH MAT3525/3526 Ford M2C 159B+C, Caterpillar TO-2 Massey Ferguson M 1139 / 1144 / 1145 John Deere JDM 27, MB 227.1 / MB 228. ZF TE-MIL-06A / -06B / -06C / -07B</p>	
<p>WHEELERS SUPERTRACTOL STOU HC SAE 10W-40</p> <p>All-seasons multigrade oil to be used in all types of agricultural machineries.</p>	<p>API CG-4, API GL-4 , API GL-5 (for agriculture)</p> <p>ACEA E3 (level) Allison C-4, Case M5/1118/1207/1209/-MAT3525/CS/CVX Ford M2C 159-B/C, Ford M2C 86-B/C, Ford M2C 134D Massey Ferguson M1135 to 1145 ZF TE-ML-06B (inc. 06R), -06C and -07B John Deere JDM/J20C and J27 New Holland NH 410B/420A and 526C Fendt Vario Claas Renault Agriculture</p>	
<p>WHEELERS UNTRACTOL TOU SAE 80W-85W</p> <p>For supplying transmissions, hydraulics and wet brakes in tractors, forestry and construction machinery of any types.</p>	<p>ACEA C3-12</p> <p>Porsche C-30 MB 229.51 VW 504 00 / 507 00 BMW Longlife-04</p>	

AUTO TRANSMISSION FLUIDS

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS ATF TASA</p> <p>Automatic transmission fluid for use in automatic transmissions and torque converters.</p>	<p>GM ATF Type A, Suffix A</p> <p>MB 236.2 MAN 339 Typ A Renk (Doromat)</p>	
<p>WHEELERS ATF DX II D</p> <p>Advanced transmission fluid (ATF) for universal use in automatic transmissions, steering boosters and hydraulic units.</p>	<p>GM Dexron II D</p> <p>MB 236.7 - Voith Allison C-3/C-4 MAN 339 Typ D ZF TE-ML 03D, 04D, 09A, 11A, 14A Ford SQM-9010B Ford M2C-138CJ / 166H / 185A Caterpillar TO-2</p>	
<p>WHEELERS ATF DX III H</p> <p>Gear oil to be used in automatic transmissions, steering boosters, fluid couplings, hydrodynamic converters and for hydraulics in motor cars, trucks, busses and construction vehicles, if an ATF of Dexron III H – type is recommended.</p>	<p>GM Dexron III H and III G</p> <p>MB 236.1 / 236.5 / 236.6 / 236.7 Voith 55.6335 & 55.6336, Allison C-4 / TES 389 MAN 339 Typ Z-1 & V-1 / Z2 & V2 Ford Mercon Ford M2C138-CJ, M2C166-H, Volvo 97340 / 97341 ZF TE-ML 02F, 04D, 09, 11A, 14A, 17C</p>	
<p>WHEELERS ATF JAKO</p> <p>Automatic Transmission Fluid for Asian vehicles. To be used in automatic transmissions, steering boosters, fluid couplings, hydrodynamic converters and for hydraulics in motor cars, trucks, busses and construction vehicles.</p>	<p>GM Dexron III H</p> <p>Ford Mercon JASO M315 Type 1A, Mazda ATF D-III, ATF M-3 Toyota Type D-2, T, T-II, T-III and T-IV Toyota Type WS Mitsubishi SP-II and SP-III Suzuki ATF Oil , ATF Oil Special Kia, Hyundai and Nissan Matic Fluid C, J Subaru AT Isuzu BESCO ATF-II , ATF-III Daihatsu Alumix ATF Multi Honda ATF Z1 GM Daewoo Lexus JWS 3309</p>	
<p>WHEELERS ATF PLUS 4</p> <p>Synthetic high performance automatic transmission fluid (ATF) for life-time use in modern motorcar transmissions. Exceeds all Dexron III requirements and is easily miscible with all Dexron II D- and Dexron III-ATF's.</p>	<p>GM Dexron III DC</p> <p>ATF +4 ZF TE-ML 04D 11B, 14B, 16L, 17C Voith Turbo according to H55.6336.41 Audi part number: G 052 162 / G 055 025 Mercedes Benz part number: A 0019892203 BMW part number: 83229407807 Porsche part number: 999.917.547.00 Peugeot/Citroen part number: Z000169756 Rolls Royce part number: PL 31493 PA Jaguar part number: JLM 20238</p>	

PRODUCT DESCRIPTION

SPECIFICATION / RECOMMENDATION

WHEELERS ATF MB III

High Performance Life-Time automatic gear fluid (ATF) especially for Mercedes Benz, based on base oils from the synthesis technology and synthetic base oils and a superior performance package.

GM Dexron III

MB 236.11 / 236.12 / 236.14
Audi part number: G 052 162 / G 055 025
Mercedes Benz part number:
A 0019892203
BMW part number: 83229407807
Porsche part number: 999.917.547.00
Peugeot/Citroen part number: Z000169756
Rolls Royce part number: PL 31493
PA Jaguar part number: JLM 20238



WHEELERS ATF DEXRON VI

Synthetic high performance automatic transmission fluid (ATF) for life-time use in modern motorcar transmissions. Exceeds all Dexron III requirements and is easily miscible with all Dexron II D- and Dexron III-ATF's.

Allison C-4 / TES-389

Ford Mercon-V, Ford FNR5, GM Dexron-IID, GM Dexron-IIID, GM Dexron-VI (does not meet viscosity profile), JASO 1-A, MAN 339F, MAN 339 Type V-1 / V-2, MAN 339 Type Z-1 / Z-2, MB 236.1 / 236.2 / 236.3 / 236.5 / 236.6 / 236.7 / 236.9 / 236.10 (NAG 1 / Shell 3403) / 236.11 / 236.81, MOPAR AS68RC, Voith H55.6335.xx / H55.6336.xx, Volvo 97340 / 97341, Texaco N402 (JATCO), ETL-7045E (BMW 7045E), ETL-8072B (BMW 5 Series), ZF TE-ML 03D, 04D, 05L, 09, 11, 14A, 14B, 16L, 17C, 20B, 21L, Audi G 055 025 / Audi G 052 162 / Audi G 052 990, BMW LA2634 / BMW LT 71141 / BMW 5 Series / BMW 7045E (3 Se), Chrysler ATF +3/+4, PSA AL-4, Renault DP-0, Volvo 4 Speed (P/N 1161621), Volvo P/N 1161540/1161640, VW G 052 162 / VW G 052 990 / VW G 055 025, Honda ATF Z-1, Hyundai/KIA SP-II / SP-III / JWS 3314 / 3317, JWS 3309 (Aisin Warner), Idemitsu K17 (JATCO), KIA Red-1, Mazda F-1 / ATF-M III / ATF-MV, Nissan 402 / Matic D/J/K, N402, Mitsubishi Diaqueen ATF J3 / SP-II / SP-III.



WHEELERS ATF SPECIAL CVT

High performance automatic transmission fluid (ATF), which was developed for the latest generation.


CVT-transmissions

MB 236.20, MB A 001 989 46 03
BMW 8322 0 136 376, BMW 8322 0 429 159
Ford CVT 23, Ford WSS-M2C 928-A, JASO M358
GM/Saturn DEX-CVT, Mitsubishi NS-II/SP-III/CVT J-1
VW G 052 180, Mopar CVTF+4, Hyundai/KIA SP-III, Suzuki TC/NS-II, Nissan NS II, Toyota, Honda ATF-Z1 / HMMF, Subaru, Daihatsu TC.



INDUSTRIAL PRODUCTS


GAS ENGINE OILS

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS MARINE OIL- 2T</p> <p>Self-mixing semi-synthetic 2-stroke oil for fresh water cooled outboard engines.</p>	<p>API NMMA TC-W3</p>	

HEAT TRANSFER OILS


PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS HEAT TRANSFER</p> <p>Heat transfer medium with low vapor pressure, high specific heat and excellent thermal and oxidative stability. For indirect heating in industry and shipping. Meets the requirements for heat transfer media Q of DIN 51 522.</p>	<p>ISO-VG</p> <p>32, 46</p>	

HYDRAULIC OILS


PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS HYDRAULIC HLP 32, 46, 68</p> <p>Mineral oil-base hydraulic oil. Meets and exceeds the requirements.</p>	<p>DIN 51 524 part 2 (HLP)</p> <p>ISO 6743/3 (HM) and AFNOR NF E48 602 (HM). ISO-VG</p>	

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS HYDRAULIC HLP-D 32, 46, 68</p> <p>Cleaning active EP hydraulic oil for extreme operating conditions. Meets and exceeds the requirements of DIN 51 524 part 2.</p>	<p>ISO-VG</p> <p>(HLP, deterging) and MAN-N 698</p>	
<p>WHEELERS HYDRAULIC HVLP 32, 46, 68</p> <p>High-performance EP hydraulic oil with very good viscosity temperature characteristics. Meets and exceeds the requirements of DIN 51 524 part 3 (HVLP).</p>	<p>ISO-VG</p> <p>ISO 6743/4 (HV) AFNOR NF E 48 602 (HV)</p>	
<p>WHEELERS HYDRAULIC BIO HEES 46</p> <p>Readily biodegradable hydraulic oil HLP/HVLP on synthetic ester oil basis. Meets the minimum technical requirements for HEES oils of VDMA standard sheet 24 568 dated 03/1994 and the requirements placed on hydraulic oils HLP and HVLP.</p>	<p>ISO-VG 46</p> <p>HVLP DIN 51 524 parts 2 & 3.</p>	


INDUSTRIAL GEAR OILS

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS INDUSTRIAL GEAR OILS</p> <p>EP gear and circulating oil for use in heavily loaded industrial gears and for use at high sliding speeds and roller pressings. Meets and exceeds the requirements of DIN 51 517 part 3 (CLP).</p>	<p>ISO-VG</p> <p>CLP 32, 46, 68, 100 150, 220, 320, 460, 680</p>	

SLIDWAY OILS


PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS SLIDE WAY OILS SW</p> <p>For lubricating the slide ways on machine tools, of gear units and all kinds of advance devices. For hydraulic systems of all kinds of pumps and engines.</p> <p>Recommended for use in central lubricating systems. Meets the requirements of DIN 51 524 part 2 (HLP) and DIN 51 517 part 3 (CLP), classification of DIN 51 502 in the type of materials lubricant oil CGLP.</p>	<p>ISO-VG</p> <p>68, 220</p>	

TURBINE OILS

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS TURBINOL LTD 32, 46, 68</p> <p>For lubricating and cooling the bearings as well as pressure transfer medium for power control systems in steam and water turbines and turbo compressors.</p> <p>Meets the requirements of DIN 51 515 part 1 (LTD) · ISO DP 6743/5and JIS K2213 type 2.</p>	<p>ISO-VG</p> <p>32, 46, 68</p>	

SPECIALITY PRODUCTS

BRAKE FLUID

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS BRAKE FLUID DOT 4</p> <p>Synthetic high-performance brake fluid for modern vehicle brake systems with disk or drum brakes. Mixable with brake fluids of the same specifications. moderner Kfz-Bremssysteme DOT 3/DOT 4 mit Scheiben- oder Trommelbremsen.</p>	<p>Corresponds to FMVSS 116, SAE J 1703/J 1704 und ISO 4925 Class 4</p>	

ANTIFREEZE

PRODUCT DESCRIPTION	SPECIFICATION / RECOMMENDATION	
<p>WHEELERS ANTIFREEZE</p> <p>Concentrated antifreeze for water-cooled combustion engines. Also suitable for aluminium engines. Protects the radiator against rust, corrosion and calcification and, depending on the concentration used, ensures frost protection down to -40°C.</p>	<p>GW-11 CONCENTRATE</p> <p>BMW, Fiat, Ford, General Motors, Mercedes-Benz and Peugeot</p>	
<p>WHEELERS ANTIFREEZE</p> <p>Prediluted antifreeze for water-cooled combustion engines. Also suitable for aluminium engines. Protects the radiator against rust, corrosion and calcification and ensures frost protection down to -40°C.</p>	<p>GW-11 (-40°C)</p> <p>Fiat, Ford, General Motors, Mercedes-Benz, Peugeot</p>	
<p>WHEELERS ANTIFREEZE</p> <p>Silicate-free concentrated antifreeze for water-cooled combustion engines. Also suitable for aluminium engines. Protects the radiator against rust, corrosion and calcification and, depending on the concentration used, ensures frost protection down to -40°C. Compatible with all branded products (also VW G11).</p>	<p>GW-12 CONCENTRATE</p> <p>VW TL 774-D/F (G12+) · MB 325.3 Ford WSS-M 97B44-D AUDI · SEAT · SKODA TL 774-D/F MAN 324 SNF · MTU MTL 5048</p>	

PRODUCT DESCRIPTION

WHEELERS ANTIFREEZE

Prediluted silicate-free antifreeze for water-cooled combustion engines.
Also suitable for aluminium engines. Protects the radiator against rust, corrosion and calcification and ensures frost protection down to -40°C.
Compatible with all branded products (also VW G11).

SPECIFICATION / RECOMMENDATION

GW-12 (-40°C)

VW TL 774-D/F (G12+) · MB 325.3
Ford WSS-M 97B44-D
Audi · SEAT · SKODA TL 774-D/F
MAN 324 SNF · MTU MTL 5048



GREASES

PRODUCT DESCRIPTION

WHEELERS MULTIPURPOSE GREASE

Grease DIN 51 825 – K2K-30. Consistency class NLGI 2. Graphite containing lithium grease for normally loaded rolling and plain bearings as well as for sliding surfaces.

SPECIFICATION / RECOMMENDATION

K2K-30

Operating temperature range:
-30°C bis +130°C
Labelling according to DIN 51 502
K2K-30



WHEELERS EP-LONG TERM GREASE

Grease DIN 51 825 – KP2K-30. Consistency class NLGI 2. Lithium grease for highly loaded rolling and plain bearings as well as for sliding surfaces with high pressure application.

KP2K-30

Operating temperature range:
-30°C bis +130°C
Labelling according to DIN 51 502
K2K-30



WHEELERS MULTIPURPOSE GREASE (MoS2)

Grease DIN 51 825 – KPF2K-30. Consistency class NLGI 2. Lithium – soap-based grease (MoS2) for highly stressed plain and roller bearings with normal to high speeds as well as for sliding surfaces with high pressure application.

KPF2K-30

Operating temperature range:
-30°C bis +130°C
Labelling according to DIN 51 502
KPF2K-30



WHEELERS MULTIPURPOSE GREASE (graphite)

Grease DIN 51 825 – KF2K-30. Consistency class NLGI 2. Graphite containing lithium grease for normally loaded rolling and plain bearings as well as for sliding surfaces.

KF2K-30

Labelling according to DIN 51 502
KPF2K-30
Labelling according to DIN 51 502
KPF2K-30



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