



TABLE OF CONTENTS

MOTOR OILS FOR PASSENGER CARS

2

MOTORCYCLE OILS

5

HEAVY DUTY MOTOR OILS

6

TWO-STROKE OILS

9

OILS FOR AGRICULTURE

10

MULTIPURPOSE OILS (AGRICULTURAL EQUIPMENT, CONSTRUCTION)

15

GEAR OILS

16

OPERATING FLUIDS

19

HYDRAULIC OILS

20

HYDRAULIC-TRANSMISSION OILS

22

INDUSTRIAL GEAR OILS

22

GREASED MACHINE OILS

24

COMPRESSOR OILS

24

REFRIGERATION COMPRESSOR OILS

25

TURBINE OILS

26

MACHINE OILS

26

GUIDE RAIL OILS

27

QUENCHING OILS

28

OILS FOR GARDENING/FORESTRY

28

SEPARATING OIL

29

HEATING OIL

30

LOCOMOTIVE OILS

30

STATIONARY GAS ENGINE OIL

30

OILS FOR PNEUMATIC DEVICES

31

ANTI-ADHESIVE OILS

31

GREASE

32

JASOL GOLD C5 0W-20 HYBRID



Specifications:

- SAE: 0W-20
- API: SP-RC
- ACEA: C5
- ILSAC GF-6A



Jasol Gold C5 0W-20 HYBRID is a high-quality, fully synthetic 0W-20 grade engine oil, specially developed for modern gasoline engines with hybrid drive. It provides excellent engine protection, rapid lubrication at low temperatures, and reduced fuel consumption. Optimized for Start-Stop systems and exhaust emissions. Ideal for vehicles meeting API SP / ILSAC GF-6A standards.

JASOL GOLD LL 0W-20



Specifications:

- SAE: 0W-20
- API: SN Plus/SP
- ACEA: C5/C6
- VW 508 00/509 00
- VW TL 52577
- ILSAC GF-6A
- PORSCHE C20



Jasol Gold LL 0W-20 is an oil designed for year-round use, primarily in modern engines of passenger cars and light commercial vehicles equipped with turbocharged gasoline engines as well as turbocharged diesel engines. Recommended for vehicles fitted with advanced exhaust aftertreatment systems, such as particulate filters (GPF, DPF) and catalytic converters.

JASOL GOLD A5/B5 0W-30



Specifications:

- SAE: 0W-30
- API: SL
- ACEA: A5/B5
- VOLVO 95200377



Jasol Gold A5/B5 0W-30 is a precision formulation composed using the latest technologies and performance additives, enabling maximum utilization of the powertrain's output while providing comprehensive engine protection. Particularly recommended for Volvo passenger cars requiring an oil meeting the Volvo 95200377 standard.

JASOL GOLD FR 0W-30



Specifications:

- SAE: 0W-30
- ACEA: C2
- PSA B71 2312



Jasol Gold FR 0W-30 provides excellent engine protection throughout the entire service life and ensures reduced fuel consumption. The oil's special formulation guarantees long service life and outstanding performance of modern systems. It is particularly recommended for engines of PSA (STELLANTIS) Group brands requiring the PSA B71 2312 specification.

JASOL GOLD RN 17 5W-30



Specifications:

- SAE: 5W-30
- ACEA: C3
- MB 226.52
- RENAULT RN17



Jasol Gold RN17 5W-30 is a synthetic engine oil, representing a response to the evolution of automotive engines. A dedicated additive package combined with ultra-durable base oils enabled the development of a very strong oil film structure, protecting the system from particulate deposition while simultaneously safeguarding the engine against degradation.

JASOL GOLD C3 504.00 507.00 SN/CF 5W-30 LONGLIFE



Specifications:

- SAE: 5W-30
- API: SN/SM/CF
- ACEA: C3
- MB 229.31, 229.51
- VW 504 00/ 507 00
- BMW Longlife 04
- Porsche C30
- GM Dexos 2



Jasol Gold C3 504.00 507.00 SN/CF 5W-30 Longlife is designed for use in passenger car and light commercial vehicle engines, in modern petrol engines equipped with a catalytic converter and diesel engines with and without turbocharging, with DPF or TWC filters. The oil meets the latest Volkswagen 504 00/507 00 requirements and can also be used in engines requiring older VW specifications.

JASOL GOLD C3 SN/CF 5W-30 LONGLIFE



Specifications:

- SAE: 5W-30
- ACEA: C3; A3/B4
- API: SN/SM/CF
- MB 229.31, MB 229.51
- VW 502 00/505 00/505 01
- BMW Longlife 04
- GM Dexos 2



Jasol Gold C3 SN/CF 5W-30 Longlife is designed for use in passenger car and light commercial vehicle engines, in modern petrol and diesel engines with and without turbocharging, using advanced exhaust gas cleaning systems, such as diesel particulate filters (DPF) and three-way catalytic converter (TWC).

JASOL GOLD C3 SN/CF 5W-40 LONGLIFE



Specifications:

- SAE: 5W-40
- ACEA: C3
- API: SN/SM/CF
- MB 229.31, MB 229.51
- VW 502 00/505 00/505 01
- BMW Longlife 04
- GM Dexos 2
- Renault RN 0700/RN 0710
- Ford WSS-M2C917-A
- Fiat 9.55535-S2
- Porsche A40



Jasol Gold C3 SN/CF 5W-40 Longlife is designed for use in passenger car and light commercial vehicle engines, in modern gasoline and diesel engines with and without turbocharging, using advanced exhaust after-treatment systems such as Diesel Particulate Filters (DPF) and Three-Way Catalyst (TWC).

JASOL GOLD C4 5W-30



Specifications:

- SAE: 5W-30
- ACEA: C4
- Renault RN 0720



Jasol Gold C4 5W-30 synthetic motor oil intended for use in the latest petrol and diesel engines, with or without turbocharging, meeting Euro V and VI emission standards. It is especially dedicated to the latest engines where increased protection of Diesel Particulate Filter (DPF) is required. Perfectly protects the engine at low temperatures, reduces oil consumption and extends its lifetime.

JASOL GOLD SN/CF 5W-30



Specifications:

- SAE: 5W-30
- API: SN/SM/CF
- ACEA: A3/B3; A3/B4
- VW 502 00/505 00
- MB 229.3, MB 229.5
- BMW Longlife 01
- GM-LL-A/B-025
- Porsche A40
- Renault RN 0700/RN 0710



Jasol Gold SN/CF 5W-30 is intended for use in passenger cars and light commercial vehicles with petrol or diesel engines (excluding diesel engines with particulate filters), engines running on LPG gas, in engines with or without turbocharging, in modern engines or engines of older design, with or without catalytic converter.

JASOL GOLD 5W-30 PSA



Specifications:

- SAE: 5W-30
- API: SN/CF
- ACEA: C2/C3
- MB 229.31, 229.51
- PSA B71 2290
- VW 505 00/505 01
- BMW LONGLIFE-04



Jasol Gold 5W-30 PSA is a synthetic engine oil for use in modern passenger cars and light commercial vehicles equipped with diesel or spark-ignition petrol engines with or without turbocharging, equipped with exhaust gas reduction systems such as DPF or TWC. It perfectly protects the engine during the entire oil life and ensures reduced fuel consumption.

JASOL GOLD A5/B5 5W-30



Specifications:

- SAE: 5W-30
- API: SL/CF
- ACEA: A5/B5
- Ford WSS-M2C913-D
- Renault RN 0700



Jasol Gold A5/B5 5W-30 is a synthetic engine oil designed for the latest gasoline and Diesel engines used in passenger cars and light commercial vehicles, which require lower HTHS viscosity. It is especially recommended for Ford engines which must meet the requirements of Ford WSS-M2C913-D specification.

JASOL GOLD SN/CF 5W-40



Specifications:

- SAE: 5W-40
- API: SN/SM/CF
- ACEA: A3/B3; A3/B4
- VW 502 00/505 00
- MB 229.3, MB 229.5
- BMW Longlife 01
- GM-LL-A/B-025
- Porsche A40
- Renault RN 0700/RN 0710



Jasol Gold SN/CF 5W-40 is intended for use in passenger cars and light commercial vehicles with petrol or diesel engines (excluding diesel engines with particulate filters), engines running on LPG gas, in engines with or without turbocharging, in modern engines or engines of older design, with or without catalytic converter.

JASOL GOLD SL/CF 10W-40



Specifications:

- SAE: 10W-40
- API: SL/SJ/CF
- ACEA: A3/B3; A3/B4
- MB 229.1, MB 229.3
- VW 502 00/505 00



Jasol Gold SL/CF 10W-40 semi-synthetic motor oil based on highly refined base oils, enriched with dedicated additive packages is mainly intended for use in passenger cars and light commercial vehicles. It can be used in both petrol and diesel engines equipped with catalytic converters.

JASOL GOLD SL/CF 15W-40



Specifications:

- SAE: 15W-40
- API: SL/SJ/CF
- ACEA: A3/B3; A3/B4
- MB 229.1
- VW 501 01/505 00



Jasol Gold SL/CF 15W-40 is intended for the lubrication of various types of petrol and diesel engines, with or without turbocharging, operating under varying operating conditions. It can also be used in vehicles where the manufacturer recommends the use of API grade oils: SH, SG, SJ.

JASOL UNIVERSAL MOTOR OIL SF/CC 15W-40



Specifications:

- SAE: 15W-40
- API: SF/CC



Jasol Universal Motor Oil SF/CC 15W-40 is intended for lubrication of various types of petrol and diesel engines, where the manufacturer recommends the use of oil of API quality classes: SF, SE or lower. It can also be used in diesel engines, where the manufacturer recommends using oil of API quality class: CC.

JASOL SELEKT MOTOR OIL SD 20W-40



Specifications:

- SAE: 20W-40
- API: SD



Jasol Selekt Motor Oil SD 20W-40 is intended for lubrication of older type petrol engines of API quality class: SD. Based on mineral oil bases dedicated to this viscosity grade with excellent ageing stability.

JASOL AGRI LUX 10



Specifications:

- SAE: 30
- API: SA
- PN-73/C-96085



Jasol Agri LUX 10 engine oil for use in friction nodes not requiring additive oils. Can be used as machine oil wherever there is a need to maintain an oil film between friction surfaces.

MOTORCYCLE OIL

JASOL GOLD 4T MOTO 10W-40 SEMISYNTHETIC



Specifications:

- SAE: 10W-40
- API: SL
- JASO: MA/MA2



Jasol Gold 4T Moto 10W-40 Semisynthetic engine oil for the lubrication of loaded four-stroke motorbike engines, the latest designs also for use in motorbike gearboxes and wet-clutch transmissions.

JASOL GOLD TRUCK LS CK-4 5W-30 (low SAPS)



Specifications:

- SAE: 5W-30
- API: CK-4/CJ-4/CI-4/SL
- ACEA: E4, E7, E8, E11
- MAN M3777/ M3677/ M3775/ M3477/ M3271-1
- MTU Type 3.1, Type 2.1
- Deutz DQC IV-18 LA
- Volvo VDS-4.5
- Renault VI RLD-4/RLD-3
- DTFR 15C120/ 15C110/ 15C100 (228.52, 228.51, 228.31)
- Scania LDF-4
- Caterpillar ECF-3
- Mack EOS-4.5



- Cummins CES 20086, CES 20081
- JASO DH-2-17/ DH-1-17/ DL-0-17
- Detroit Diesel 93K218, 93K222

Jasol Gold Truck LS CK-4 5W-30 synthetic oil based on „Low SAPS“ technology with low sulphur, low phosphorus content. It is designed for the ideal combination of excellent lubricating properties, thermal stability and excellent sludge handling properties at long mileages and technology adapted to the latest systems such as Diesel Particulate Filters (DPF), SCR and EGR systems. Designed for use in modern trucks and buses meeting Euro VI or Euro V emission requirements.

JASOL GOLD TRUCK LS CK-4 10W-30 (low SAPS)



Specifications:

- SAE: 10W-30
- API: CK-4/CJ-4/CI-4/CH-4/SL
- ACEA: E4, E8, E11
- DTFR 15C120/ 15C110 (228.52/ 228.51)
- MAN M3775
- DEUTZ DQC IV-18 LA
- VOLVO VDS-4.5
- RENAULT VI RLD-3
- MTU TYPE 3.1/ 2.1
- CUMMINS CES 20086/ CES 20092
- CATERPILLAR ECF-3
- JASO DH-2-21



Jasol Gold Truck LS CK-4 10W-30 oil with reduced SAPS (low level of sulphated ash, phosphorus and sulphur) specially designed for diesel engines meeting the most stringent Euro VI and Euro V emission standards. It is recommended for trucks, tractors, buses operating in the most severe conditions with extended drain intervals. The applied formulation guarantees full compatibility with filter systems and catalytic converters in the latest as well as in older types of vehicles.

JASOL GOLD TRUCK LS CK-4 10W-40 (low SAPS)



Specifications:

- SAE: 10W-40
- API: CK-4/CJ-4/CI-4/CH-4/SL
- ACEA: E4, E7, E8, E11
- MAN M3477, M3775, M3271-1
- DTFR 15C120/ 15C110/ 15C100 (228.52/ 228.51/ 228.31)
- Renault VI RLD-4/RLD-3
- Volvo VDS-4.5
- Mack EOS-4.5
- MTU Type 3.1, Type 2.1
- Deutz DQC-IV-18 LA
- Detroit Diesel 93K222
- Scania LA
- Cummins CES 20086, CES 20081
- Caterpillar ECF-3
- JASO DH-2-17



Jasol Gold Truck LS CK-4 10W-40 oil with reduced SAPS (low sulphated ash, phosphorus and sulphur) specifically designed for diesel engines meeting the most stringent Euro VI and Euro V emission standards. It is recommended for trucks, tractors, buses operating in the most severe conditions with extended drain intervals. The applied formulation guarantees full compatibility with filter systems and catalytic converters in the latest as well as in older types of vehicles.

JASOL GOLD TRUCK UHPD CI-4/SL 10W-40



Specifications:

- SAE: 10W-40
- API: CI-4/CH-4/CF/SL
- ACEA: E4, E7
- DTFR 15B120 (228.5)
- MAN M 3277
- Volvo VDS-3, Volvo VDS-2
- MTU type 3
- Deutz DQC IV-10



Jasol Gold Truck UHPD CI-4/SL 10W-40 Ultra High Performance Diesel engine oil for optimum operation of heavy-duty diesel engines. Particularly recommended for engines: trucks, tractors, buses, road and construction machinery. It provides adequate lubrication even at extended drain intervals. Also suitable for use in petrol engines. Ideal for companies with a diverse, modern fleet of vehicles.

JASOL GOLD TRUCK SHPD CI-4/SL 15W-40



Specifications:

- SAE: 15W-40
- API: CI-4/CH-4/CG-4/CF/SL
- ACEA: E7, E5; A3/B4
- DTFR 15B110 (228.3)
- MAN M 3275
- Volvo VDS-3
- MTU type 2



Jasol Gold Truck SHPD CI-4/SL 15W-40 is designed for heavy-duty diesel engines in trucks, heavy construction equipment, agricultural machinery and buses. The excellent combination of mineral bases and additives guarantees compliance with the required standards: API, ACEA and vehicle manufacturers' specifications. For engines complying with Euro V with SCR systems and for older engines complying with Euro IV, III, II, I. Also recommended for extended mileage.

JASOL GOLD TRUCK SHPD CI-4/SL 20W-50**Specifications:**

- SAE: 20W-50
- API: CI-4/CH-4/CG-4/CF/SL
- ACEA: E7, E5; A3/B4
- DTFR 15B110 (228.3)
- MAN M 3275
- MTU TYPE 2
- VOLVO VDS-3



Jasol Gold Truck SHPD CI-4/SL 20W-50 is intended for heavy duty diesel engines in trucks, heavy construction equipment, agricultural machinery and buses. The perfect combination of mineral bases and enriching additives guarantees meeting the required standards: API and ACEA and vehicle manufacturers' specifications. For engines complying with requirements of Euro V with SCR systems and for engines of older construction complying with Euro IV, III, II, I. Also recommended for extended mileages.

JASOL GOLD TRUCK SHPD CH-4/SL 15W-40**Specifications:**

- SAE: 15W-40
- API: CH-4/CG-4/CF/SL
- ACEA: E7, E5, A3/B4
- DTFR 15B110 (228.3)
- MAN M 3275-1
- Volvo VDS-3
- MTU type 2



Jasol Gold Truck SHPD CH-4/SL 15W-40 is designed for heavy-duty diesel engines in trucks, heavy construction equipment, agricultural machinery and buses. The excellent combination of mineral bases and additives guarantees compliance with the required standards: API, ACEA and vehicle manufacturers' specifications. For engines meeting the requirements of Euro IV with SCR systems and for engines of older designs complying with Euro III, II, I. Also recommended for extended mileage.

JASOL GOLD TRUCK CG-4/SJ 15W-40**Specifications:**

- SAE: 15W-40
- API: CG-4/CF-4/CF/SJ
- ACEA: E3, A3/B3
- MAN 3275
- MB 228.3
- MTU TYPE 2
- VOLVO VDS-2



Jasol Gold Truck CG-4/SJ 15W-40 is intended for the lubrication of four-stroke diesel engines of all types, supercharged and highly supercharged, operating at low and high loads. It is recommended for use in trucks, buses, construction equipment, off-road vehicles in which the manufacturer recommends the use of CG-4/SJ class oil. The oil can also be used in passenger cars.

JASOL GOLD TRUCK CG-4/SJ 20W-50**Specifications:**

- SAE: 20W-50
- API: CG-4/CF-4/CF/SJ
- ACEA: E7, E5; A3/B3
- MAN 3275
- MB: 228.3
- MTU TYPE 2
- VOLVO VDS-2



Jasol Gold Truck CG-4/SJ 20W-50 is intended for the lubrication of four-stroke diesel engines of all types, supercharged and highly supercharged, operating at low and high loads. It is recommended for use in trucks, buses, construction equipment, off-road vehicles in which the manufacturer recommends the use of CG-4/SJ class oil. The oil can also be used in passenger cars.

JASOL GOLD TRUCK CF-4/SG 15W-40**Specifications:**

- SAE: 15W-40
- API: CF-4/CF/SG
- ACEA: E2
- MAN 271
- MB 228.1
- MTU type 1



Jasol Gold Truck CF-4/SG 15W-40 is recommended for use in trucks, buses, construction equipment and agricultural equipment where the manufacturer recommends the use of CF-4/SG grade oil. It can also be used in worn-out older equipment for which lower grade oils are recommended, for example API: CD, CE.

JASOL GOLD TRUCK CF-4/SG 20W-50**Specifications:**

- SAE: 20W-50
- API: CF-4/CF/SG
- ACEA: E2
- MAN 271
- MB 228.1

• MTU TYPE 1



Jasol Gold Truck CF-4/SG 20W-50 is recommended for use in trucks, buses, construction equipment, agricultural equipment, where the manufacturer recommends use of oil of CF-4/SG class. It can also be used in old-type equipment, for which oils of lower classes are recommended, e.g. API: CD, CE.

JASOL GOLD TRUCK STANDARD CE/SG 15W-40**Specifications:**

- SAE: 15W-40
- API: CE/CD/SG
- ACEA: E2
- MAN 271
- MB 228.1

• MTU TYPE 1



Jasol Gold Truck Standard CE/SG 15W-40 multigrade diesel engine oil produced from high-quality refined base oils and appropriately selected multifunctional package of enriching additives. It is especially recommended for lubrication of older type engines, trucks, buses in urban and interurban traffic, construction and agricultural machinery.

JASOL GOLD TRUCK STANDARD CE/SG 20W-50**Specifications:**

- SAE: 20W-50
- API: CE/CD/SG
- ACEA: E2
- MAN 271
- MB 228.1

• MTU TYPE 1



Jasol Gold Truck Standard CE/SG 20W-50 is intended for lubrication of four-stroke diesel engines of all types, supercharged and highly supercharged, operating under small and heavy loads. It is recommended for use in trucks, buses, construction equipment, where the manufacturer recommends use of CE/SG class oil.

JASOL GARDEN 2T Stroke OIL Semisynthetic TC RED**Specifications:**

- API: TC
- ISO:L-EGC
- JASO: FC



Jasol Garden 2T Stroke Oil Semisynthetic TC Red semi-synthetic oil for two-stroke engines with exceptionally low smoke emissions, which can be used for the engines of petrol chainsaws, chain saws, brush cutters, and all types of gardening equipment equipped with two-stroke engines. It mixes perfectly with fuel and can be used in equipment including Stihl, Husqvarna, Stiga and other manufacturers. The oil can be dosed directly into the fuel tank at a ratio of 2% to fuel /1:50/ if the engine manufacturer does not recommend otherwise.

JASOL GARDEN 2T Stroke OIL Semisynthetic TC GREEN**Specifications:**

- API: TC
- ISO:L-EGC
- JASO: FC



Jasol Garden 2T Stroke Oil Semisynthetic TC Green semi-synthetic oil for two-stroke engines with exceptionally low smoke emissions, which can be used for the engines of petrol chainsaws, chain saws, brush cutters, and all types of gardening equipment equipped with two-stroke engines. It mixes perfectly with fuel and can be used in equipment including Stihl, Husqvarna, Stiga and other manufacturers. The oil can be dosed directly into the fuel tank at a ratio of 2% to fuel /1:50/ if the engine manufacturer does not recommend otherwise.

JASOL GARDEN 2T Stroke OIL TA/TB (Mixol)**Specifications:**

- API: TA/TB
- JASO:FB
- ISO-L ETA/ETB



Jasol Garden 2T Stroke Oil TA/TB is designed for air- and water-cooled engines. The oil can be used for engines of petrol chainsaws, petrol chainsaws and all types of gardening equipment equipped with two-stroke engines. The oil can be used directly into the fuel tank at a ratio of 1:50 to fuel unless otherwise recommended by the engine manufacturer.

JASOL AGRI TRACTOR OIL EXTRA 10W-40



Specifications:

- SAE: 10W-40
- API: CJ-4/CI-4/CH-4
- ACEA: E4, E7, E8, E11
- MAN M 3477/3575
- DTFR 15C110, 15C100 (228.51/228.31)
- Renault VII RLD-3
- Volvo VDS-4
- Mack EO-O Premium Plus, EO-N Premium
- CUMMINS CES 2008
- Caterpillar ECF-3
- MTU Category 2.1



Jasol Agri Tractor Oil Extra 10W-40 is a high quality engine oil with reduced SAPS (low sulphated ash, phosphorus and sulphur), specially formulated for modern diesel engines. It is ideal for use in agricultural and construction machinery, meeting the stringent Euro VI and Euro V emission standards. It provides sludge reduction and extended diesel particulate filter (DPF) life, as well as optimum lubrication and thermal stability under a variety of operating conditions.

JASOL AGRI TRACTOR OIL MAX 10W-40



Specifications:

- SAE: 10W-40
- API: CI-4/CH-4/CF/SL
- ACEA: E4, E7
- DTFR 15B120 (228.5)
- MAN M 3277
- Volvo VDS-3, Volvo VDS-2
- MTU type 3
- Deutz DQC IV-10



Jasol Agri Tractor Oil Max 10W-40 is a high quality Ultra High Performance Diesel (UHPD) engine oil, developed for heavy duty agricultural and construction machinery. Its advanced formulation provides maximum engine protection, effectively reducing wear and preventing deposits. Thanks to its excellent thermal stability and resistance to oxidation, it extends the life of the drive unit and its lubricating properties guarantee efficient operation even under extreme conditions.

JASOL AGRI TRACTOR OIL NORMAL 15W-40



Specifications:

- SAE: 15W-40
- API: CI-4/CH-4/CG-4/CF/SL
- ACEA: E7, E5; A3/B4
- DTFR 15B110 (228.3)
- MAN M 3275
- Volvo VDS-3
- MTU type 2



Jasol Agri Tractor Oil Normal 15W-40 is a high quality engine oil for heavy duty diesel engines used in road, agricultural and construction machinery, as well as in trucks and buses. It is ideal for modern units meeting the Euro V emission standards with SCR systems, as well as older constructions complying with Euro IV, III, II and I. Thanks to its formulation, it provides effective engine protection, sludge reduction and optimal lubrication even in difficult operating conditions.

JASOL AGRI TRACTOR OIL SIMPLE 15W-40



Specifications:

- SAE: 15W-40
- API: CG-4/CF-4/CF/SJ
- ACEA: E3, A3/B3
- MAN M 3275
- DTFR 15B110 (228.3)
- Volvo VDS-2
- MTU type 2



Jasol Agri Tractor Oil Simple 15W-40 is a versatile engine oil for four-stroke diesel engines, both naturally aspirated and supercharged. Ideal for agricultural and construction machinery operating under variable loads, it provides optimum lubrication, reduces engine wear and protects against deposits. Thanks to its formulation, it increases the reliability and service life of drive units, proving itself in intensive use.

JASOL AGRI CD 15W-40



Specifications:

- SAE: 15W-40
- API: CD



Jasol Agri CD 15W-40 is intended for the lubrication of four-stroke diesel engines of various types, naturally aspirated and supercharged, operating at low and high loads. It is also recommended for depleted engines. Jasol Agri CD 15W-40 engine oil is miscible and interchangeable with oils of similar viscosity grade and quality.

JASOL AGRI CD 10W**Specifications:**

- SAE: 10W
- API: CD



Jasol Agri CD 10W is intended for the lubrication of various types of naturally aspirated and supercharged diesel engines operating at low and high loads. It is also recommended for out-of-service engines. It may also be used in the hydraulic systems of vehicles when this type of oil is required. Jasol Agri CD 10W engine oil is miscible and interchangeable with oils of similar viscosity grade and quality.

JASOL AGRI CC 15W-40**Specifications:**

- SAE: 15W-40
- API: CC



Jasol Agri CC 15W-40 intended for the lubrication of four-stroke diesel engines of various types, naturally aspirated and supercharged, operating at medium thermal and mechanical loads. It is also recommended for depleted engines. Jasol Agri CC 15W-40 engine oil is miscible and interchangeable with oils of similar viscosity grade and quality.

JASOL AGRI CC 50**Specifications:**

- SAE: 50
- API: CC



Jasol Agri CC 50 is intended for the lubrication of diesel engines of different types, non-supercharged and supercharged, operating at medium thermal and mechanical loads. Jasol Agri CC 50 engine oil is miscible and interchangeable with oils of similar viscosity grade and quality.

JASOL AGRI CC 40**Specifications:**

- SAE: 40
- API: CC



Jasol Agri CC 40 is intended for the lubrication of diesel engines of different types, non-supercharged and supercharged, operating at medium thermal and mechanical loads. Jasol Agri CC 40 engine oil is miscible and interchangeable with oils of similar viscosity grade and quality.

JASOL AGRI CC 30**Specifications:**

- SAE: 30
- API: CC



Jasol Agri CC 30 is intended for the lubrication of diesel engines of different types, non-supercharged and supercharged, operating at medium thermal and mechanical loads. Jasol Agri CC 30 engine oil is miscible and interchangeable with oils of similar viscosity grade and quality.

JASOL AGRI CB 50**Specifications:**

- SAE: 50
- API: CB



Jasol Agri CB 50 is intended for the lubrication of naturally aspirated diesel engines of various types operating under light thermal and mechanical loads. It is recommended for use in older type engines, for which the manufacturer recommends the use of oils of API class: CB. Jasol Agri CB 50 is miscible and interchangeable with oils of similar viscosity grade and quality.

JASOL AGRI CB 40**Specifications:**

- SAE: 40
- API: CB



Jasol Agri CB 40 is intended for the lubrication of naturally aspirated diesel engines of various types operating under light thermal and mechanical loads. It is recommended for use in older type engines, for which the manufacturer recommends the use of oils of API class: CB. Jasol Agri CB 40 is miscible and interchangeable with oils of similar viscosity grade and quality.

JASOL AGRI CB 30**Specifications:**

- SAE: 30
- API: CB



Jasol Agri CB 30 is intended for the lubrication of naturally aspirated diesel engines of various types operating under light thermal and mechanical loads. It is recommended for use in older type engines, for which the manufacturer recommends the use of oils of API class: CB. Jasol Agri CB 30 is miscible and interchangeable with oils of similar viscosity grade and quality.

JASOL AGRI CB/SC 15W-40**Specifications:**

- SAE: 15W-40
- API: CB/SC



Jasol Agri CB/SC 15W-40 is intended for the lubrication of naturally aspirated four-stroke diesel engines operating under light to moderate loads. Recommended for diesel engines of older types, where the manufacturer recommends the use of oils of quality class according to API: CB. It can also be used for lubrication of older type petrol engines, where the manufacturer recommends the use of oils of quality class SC according to API. Jasol Agri CB/SC 15W-40 engine oil is miscible and interchangeable with oils of similar viscosity grade and quality.

JASOL AGRI STOU 10W-30**Specifications:**

- SAE: 10W-30
- API: CG-4/SF, GL-4
- ACEA: E3
- John Deere: J27, J20C
- Massey Ferguson: CMS M1139/44/45

- Ford: M2C 159 B/C
- FNH 82009201/2/3
- ZF TE-ML 06A, 06B, 06C, 07B
- New Holland 820092001/2/3
- New Holland MAT 3525, MAT 3526



Jasol Agri STOU 10W-30 a modern multi-functional STOU (Super Tractor Oil Universal) oil, designed for the severe operating conditions in modern agricultural and construction equipment. It provides exceptional protection in diesel engines, manual transmissions, as well as in hydraulic systems and wet brakes.

JASOL AGRI STOU 10W-40**Specifications:**

- SAE: 10W-40
- API: CG-4/SF, GL-4
- ACEA: E3
- John Deere: J27, J20C
- Massey Ferguson: CMS M1139/44/45
- Ford: M2C 159 B/C
- FNH 82009201/2/3
- ZF TE-ML 06A, 06B, 06C, 07B
- New Holland 820092001/2/3
- New Holland MAT 3525, MAT 3526



Jasol Agri STOU 10W-40 multifunctional STOU (Super Tractor Oil Universal) oil for very severe operating conditions in agricultural and construction equipment. It provides exceptional protection in diesel engines, manual transmissions, as well as in hydraulic systems and wet brakes.

JASOL AGRI UTTO 10W-30**Specifications:**

- SAE: 10W-30
- API: GL-4
- Massey Ferguson CMS M 1143
- Ford M2C, 134D, 159B/C
- John Deere J20C
- New Holland MAT 3525, MAT 3526
- New Holland 82009201/2/3



Jasol Agri UTTO 10W-30 multigrade, multifunctional Universal Tractor Transmission Oil is designed for the lubrication of different types of transmissions used in agricultural, construction and industrial equipment (gearboxes, main gears, steering gears, differential mechanisms) and highly loaded hydraulic systems, following the recommendations of machinery and vehicle manufacturers. It can be used in tractors where the manual transmission, bridges, hydraulic attachments and „wet brakes“ are lubricated by a single oil system.

JASOL AGRI UTTO 10W-40**Specifications:**

- SAE: 10W-40
- API: GL-4
- Massey Ferguson CMS M 1143
- Ford M2C, 134D, 159B/C
- John Deere J20C
- New Holland MAT 3525, MAT 3526
- New Holland 82009201/2/3



Jasol Agri UTTO 10W-40 multigrade, multifunctional Universal Tractor Transmission Oil, providing excellent anti-wear, anti-corrosion, and sludge and deposit reduction protection. It is designed for lubrication of various types of transmissions used in agricultural, construction and industrial equipment (gearboxes, main or steering gears, differentials) and highly loaded hydraulic systems, following the recommendations of machinery and vehicle manufacturers.

JASOL AGRI U**Specifications:**

- API: GL-4
- DIN 51 524 part 2 HLP
- Ford: M2C 134D
- Case New Holland MAT 3525
- John Deere: J20C
- ZF TE ML 06A/06B/06C/07B
- Massey Ferguson: CMS M1135, M1143, M1145



Jasol Agri U universal hydraulic-transmission oil for use in gearboxes, power transmission systems and transmission and hydraulic systems. It is used to lubricate the transmission system, also with the so-called wet brakes, and as a working fluid in the hydraulic systems of tractors and agricultural machines.

JASOL AGRI BOX 26**Specifications:**

- ISO VG: 46
- DIN 51524 part 3 HVLP
- AFNOR NF E 48-603 (HV)
- U.S. Steel 127
- U.S. Steel 224



Jasol Agri Box 26 is designed for the lubrication of hydraulic systems operating under severe operating conditions. It can also be used in hydromechanical gearboxes, power steering mechanisms in motor vehicles and in some hydrokinetic systems.

JASOL AGRI 6**Specifications:**

- SAE: 80W
- API: GL-4
- MAN 341 Type Z2
- ZF TE-ML 02A, 16A, 17A



Jasol Agri 6 is designed for use in hypoid transmissions, cars, trucks, buses and earth-moving and road machinery operating under medium-duty conditions, where the manufacturer recommends the use of API GL-4 grade oil.

JASOL GOLD GL-5 LS 80W-90**Specifications:**

- SAE: 80W-90
- API: GL-5 Limited Slip
- MB 235.0
- MIL-L-2105D
- MAN 342 Type M1
- ZF TE-ML 05A/05C/07A/08/16B/17B/19B/21A
- Volvo 97310, Volvo 97316
- DAF



Jasol Gold LS GL-5 80W-90 is intended for use in hypoid transmissions and rear axles of cars, trucks, buses and earth-moving and road-moving machinery operating under severe operating conditions, where the manufacturer recommends the use of API GL-5 grade oil. Suitable for use in heavy-duty vehicles, construction equipment and other mechanical devices equipped with LS - Limited Slip gears.

JASOL AGRI GL-5 90 LS**Specifications:**

- SAE: 90
- API: GL-5 Limited Slip
- MIL-L-2105D
- Volvo 97310
- ZF TE-ML 05C, 12C, 16E, 21C



Jasol Agri GL-5 90 LS universal, multi-grade gear oil for use in manual car transmissions. The oil guarantees high load-carrying capacity and excellent lubricating and anti-wear properties. Particularly recommended for lubrication of gearboxes and main transmissions of passenger cars, trucks, buses, construction and agricultural equipment and other mechanical devices equipped with limited-slip gears so called LS - Limited-Slip.

JASOL AGRI GL-4 80W-90**Specifications:**

- SAE: 80W-90
- API: GL-4
- MB 235.1
- MIL-L-2105
- MAN 341 Type Z2, MAN 341 Type E1
- ZF TE-ML 02A, 16A, 17A, 19A



Jasol Agri GL-4 80W-90 oil is designed for use in hypoid gears of passenger cars, trucks, buses and earth-moving and road-moving machinery operating under severe operating conditions. It is also recommended for use in any machinery, plant and equipment for which the manufacturer recommends the use of API GL-4 grade oil.

JASOL AGRI HV 46**Specifications:**

- PN-EN ISO: 6743-4
- PN-ISO: 3448 VG: 46
- PN-ISO: 11158 HV
- DIN 51 524 part 3 HVLP



Jasol Agri HV 46 is designed for difficult and very difficult conditions, i.e. high pressures and varying temperatures. It is characterised by a high viscosity index. The appropriate level of anti-wear properties, excellent filterability and high stability will ensure optimum operation.

JASOL AGRI HL 46**Specifications:**

- PN-EN-ISO: 6743-4
- PN-ISO 3448 VG: 46
- PN-ISO: 11158 HL
- DIN 51 524 part 1 HL



Jasol Agri HL 46 is designed for use in light to medium duty power transmission and hydraulic drive and control systems of hydrostatic drive equipment operating under moderate temperature conditions. Thanks to an optimally selected additive package, it protects the system against corrosion and reduces wear marks.

MULTIPURPOSE OILS (AGRICULTURAL EQUIPMENT, CONSTRUCTION)**JASOL GOLD MULTI POWER TO-4 SAE 10W****Specifications:**

- SAE: 10W
- API: GL-4
- Komatsu KES 07.868.1
- Caterpillar TO-4 (TO-2)
- Allison C-4
- ZF TE-ML 03C
- Eaton-Fuller
- Sperry Vickers/Eaton I-280-S
- Vickers M-2950-S
- Dana
- Euclid
- Tremac/TTC



Jasol Gold Multi Power TO-4 SAE 10W hydraulic/transmission oil is designed for heavy duty use in gearboxes, Powershift transmissions, power transmission systems and hydraulic drive and control systems of heavy construction equipment, tractors and loaders. Recommended oil for Ursus.

JASOL GOLD MULTI POWER TO-4 SAE 30**Specifications:**

- SAE: 30
- API: GL-4
- Komatsu KES 07.868.1
- Caterpillar TO-4 (TO-2)
- Allison C-4
- Allison TES-439
- ZF TE-ML 03C
- Eaton-Fuller
- Sperry Vickers/Eaton I-280-S
- Vickers M-2950-S Dana
- Euclid
- Tremac/TTC



Jasol Gold Multi Power TO-4 SAE 30 hydraulic/gearbox oil is designed for heavy duty use in gearboxes, Powershift transmissions, power transmission systems and hydraulic drive and control systems of heavy construction equipment, tractors and loaders. Particularly recommended oil for New Holland.

JASOL GOLD HVI 46**Specifications:**

- PN-EN-ISO 6743-4
- PN-ISO 3448 VG: 46
- PN-ISO 11158 HV
- DIN 51 524 part 3 HVLP



Jasol Gold HVI 46 is designed for use in highly stressed power transmission and hydraulic drive and control systems, hydraulic transmissions and other regulating and control mechanisms. The very high viscosity index guarantees the operation of hydraulic equipment operating under extremely difficult conditions of high pressures and in a wide temperature range.

JASOL GOLD ATF III H**Specifications:**

- GM DEXRON IIIH
- Ford Mercon
- CATERPILLAR TO-2
- VOITH H 55.6336.41 (G 607)
- ALLISON C4; ALLISON TES 389
- MB 236.1

- ZF TE-ML 02F, 03D, 04D, 14B, 16L, 17C
- M2C138-CJ, M2C166-H



Jasol Gold ATF III H is intended for automatic transmissions of passenger cars, trucks and buses where the manufacturer recommends the use of DEXRON III type oils. It is also recommended for use in power steering devices and hydraulic clutches requiring ATF oils.

JASOL GOLD ATF II D**Specifications:**

- GM DEXRON IID
- Voith H55.6335xx (G 607)
- MAN 339 Typ Z1, MAN 339 Typ V1
- ZF TE-ML 03D, 04D, 11A, 14A, 17C
- Allison C-4

- Caterpillar TO-2
- MB 236.5



Jasol Gold ATF II D is intended for automatic transmissions of cars, trucks and buses where the manufacturer recommends the use of DEXRON II D type oils. It is also recommended for use in power steering devices, in hydraulic clutches of cars and trucks and in hydraulic systems requiring ATF type oils.

JASOL GOLD GL-5 75W-80 Semisynthetic**Specifications:**

- SAE: 75W-80
- API: GL-5/GL-4
- MAN 341 Type Z4
- MAN 341 Type E3
- ZF TE-ML 02L/16K
- DAF
- Iveco
- Renault
- Volvo



Jasol Gold GL-5 75W-80 Semisynthetic is intended for the lubrication of gears and rear axles, and in particular for hypoid gears of cars, trucks, buses and earth-moving and road-moving machinery operating under very difficult conditions, where the manufacturer recommends the use of API GL-5 grade oil.

JASOL GOLD GL-5 75W-90 Semisynthetic**Specifications:**

- SAE: 75W-90
- API: GL-5
- MIL-L-2105D
- ZF TE-ML 05A, 07A, 08A, 16B-D, 17B



Jasol Gold GL-5 75W-90 Semisynthetic is intended for the lubrication of gearboxes and rear axles and, in particular, for hypoid gears of cars, trucks, buses and earth-moving and road-moving machinery operating under very difficult conditions, where the manufacturer recommends the use of API GL-5 grade oil. Particularly recommended for gearboxes manufactured by ZF.

JASOL GOLD GL-5 75W-140**Specifications:**

- SAE: 75W-140
- API: GL-5
- MIL-L-2105D
- ZF TE-ML 05B, 07A, 08, 12B, 16F, 19C, 21A



Jasol Gold GL-5 75W-140 is intended for the lubrication of gearboxes and rear axles and, in particular, for hypoid gears of cars, trucks, buses and earth-moving and road-moving machinery operating under very difficult conditions, where the manufacturer recommends the use of API GL-5 grade oil.

JASOL GOLD GL-5 85W-140**Specifications:**

- SAE: 85W-140
- API: GL-5
- ZF TE-ML 02A, 02B, 05A, 07A, 08, 12E, 16BD, 17A, 17B, 19B, 21A
- Scania STO 1:0
- Volvo 1273.10



Jasol Gold GL-5 85W-140 oil is intended for use in the main gears and rear axles of cars, trucks, buses and earth-moving and road-moving machinery operating under severe operating conditions. It is also recommended for use in all machines, devices and equipment for which the manufacturer recommends the use of API GL-5 grade oil.

JASOL GOLD GL-4 75W-80 Semisynthetic**Specifications:**

- SAE: 75W-80
- API: GL-4
- ZF TE-ML-02D



Jasol Gold GL-4 75W-80 Semisynthetic is designed for use in manual car transmissions and drive axles of cars and other motor vehicles operating under severe operating conditions in a wide range of ambient temperatures, where an oil of GL-4 grade and a viscosity of 75W-80 is required.

JASOL GOLD GL-4 75W-90 Semisynthetic**Specifications:**

- SAE: 75W-90
- API: GL-4
- MIL-L-2105D
- ZF TE-ML 05A, 07A, 08A, 16B-D, 17B



Jasol Gold GL-4 75W-90 Semisynthetic is intended for the lubrication of gearboxes and rear axles, and in particular for hypoid gears, cars, trucks, buses and earth-moving and road-moving machinery operating under very difficult conditions, where the manufacturer recommends the use of API GL-4 grade oil.

JASOL GOLD GL-5 85W-90 15F**Specifications:**

- SAE: 85W-90
- API: GL-5
- MB 235.0
- MIL-L-2105D
- MAN 342 TYPE M1
- ZF TE-ML 05A/07A/16B/16C/17B/19B/21A
- VOITH 3.325-339
- VOLVO 97310, VOLVO 97316
- DAF



Jasol Gold GL-5 85W-90 15F universal, multi-grade gear oil for use in cars, trucks, buses and agricultural and construction equipment. For use in automotive gearboxes, rear axles and main transmissions operating under severe operating conditions in a wide range of ambient temperatures where GL-5 grade oil is required.

JASOL GOLD GL-5 80W-90**Specifications:**

- SAE: 80W-90
- API: GL-5
- MB 235.0
- MIL-L-2105D
- MAN 342 Type M1
- ZF TE-ML 07A, 16B-D, 17B, 19B
- Voith 3.325-339
- Volvo 97310, Volvo 97316
- DAF



Jasol Gold GL-5 80W-90 is intended for use in hypoid gears and rear axles of cars, trucks, buses and earth-moving and road-moving machinery operating under severe operating conditions, where the manufacturer recommends the use of API GL-5 grade oil.

JASOL GOLD GL-4 85W-140**Specifications:**

- SAE: 85W-140
- API: GL-4



Jasol Gold GL-4 85W-140 oil is designed for use in the main transmissions and rear axles of cars, trucks, buses and earth-moving and road-moving machinery operating under severe operating conditions. It is also recommended for use in all machines, devices and equipment for which the manufacturer recommends the use of API GL-4 grade oil.

JASOL GEAR OIL GL-4 80W-90**Specifications:**

- SAE: 80W-90
- API: GL-4
- MIL-L-2105
- ZF TE-ML 02A, 16A, 17A, 19A
- MB 235.1
- MAN 341 TYPE Z2, MAN 341 TYPE E1



Jasol Gear Oil GL-4 80W-90 is intended for use in hypoid transmissions in passenger cars, trucks, buses, and earth and road construction machines operating in difficult conditions. It is also recommended for use in all machines, devices, and equipment, for which the manufacturer recommends using oil of GL-4 class according to API.

JASOL GEAR OIL GL-4 80W**Specifications:**

- SAE: 80W
- API: GL-4
- MAN 341 TYPE Z2
- ZF TE-ML 02A, 16A, 17A



Jasol Gear Oil GL-4 80W is intended for use in hypoid transmissions, passenger cars, trucks, buses, and earth and road working machines operating under medium-load conditions, for which the manufacturer recommends the use of oil class GL4 according to API.

JASOL GOLD COOLANT KONCENTRAT G12+



Specifications:

- AFNOR NF R15-601
- BS 6580
- ASTM D3306/D4656/D4985
- OPEL/GM 6277M
- MTU-MTL 5048
- MB DBL 7700.30/325.3
- VW/AUDI/SEAT/SKODA TL 774-D/F
- FORD WSS-M97 B44-D



Jasol Gold Coolant Konzentrat G12+ after dilution with demineralised water is used in cooling systems of engines of passenger cars, trucks, buses, construction machines, tractors made of cast iron as well as of aluminium alloys. The degree of dilution should be selected depending on the required crystallisation temperature, in accordance with the dilution table below. The ready-to-use fluid is miscible with other coolants based on ethylene glycol.

JASOL GOLD COOLANT -37°C G12+



Specifications:

- AFNOR NF R15-601
- BS 6580
- ASTM D3306/D4656/D4985
- OPEL/GM 6277M
- FORD WSS-M97 B44-D
- VW/AUDI/SEAT/SKODA TL 774-D/F
- MB DBL 7700.30/325.3
- MTU-MTL 5048



Jasol Gold Coolant -37°C G12+ radiator fluid can be used in cooling systems of engines of passenger cars, trucks, buses, construction machines, tractors. Very good corrosion protection in respect to aluminium. The fluid does not contain phosphates, amines, nitrites, boron and silicon compounds, which ensures extended durability of the engine cooling system at optimum operation.

JASOL GOLD COOLANT KONCENTRAT G11



Specifications:

- SAE: J 1034
- AFNOR NF R15-601
- VW/AUDI/SEAT/SKODA TL 774-C
- BS: 6580
- OU: 5123
- CUNA: NC 956-16
- UNE: 25-361
- PN-C-40007
- ASTM: D3306/D4985/D1384/D2570
- JIS: 2234



Jasol Gold Coolant Konzentrat G11 after dilution with demineralised water is used in cooling systems of engines of passenger cars, trucks, buses, construction machines, tractors. The degree of dilution should be selected depending on the desired crystallization temperature, in accordance with the dilution table below. Prepared liquid is miscible with other cooling liquids based on ethylene glycol.

JASOL GOLD COOLANT -37°C G11



Specifications:

- SAE: J 1034
- AFNOR NF R15-601
- VW/AUDI/SEAT/SKODA TL 774-C
- BS: 6580
- OU: 5123
- JIS: 2234
- CUNA: NC 956-16
- UNE: 25-361
- ASTM: D3306/D4985/D1384/D2570
- PN-C-40007



Jasol Gold Coolant -37°C G11 is used in cooling systems of engines of passenger cars, trucks, buses, construction machines, tractors and industrial machines, made of cast iron as well as of aluminium. Jasol Gold Coolant -37°C G11 protects engine and cooling system against overheating, corrosion and freezing. Combination of good quality and attractive price.

JASOL GOLD DOT-4



Specifications:

- SAE: J1703
- ISO 4925
- FMVSS No. 116
- PN-C-40005



Jasol Gold DOT-4 brake fluid is designed for highly loaded hydraulic brake and clutch systems of cars, trucks, buses, trailers, motorbikes and other vehicles for which the operating instructions recommend the use of DOT-4 quality brake fluid.

JASOL GOLD DOT-3



Specifications:

- SAE: J1703
- ISO 4925
- FMVSS NR 116
- PN-C-40005



Jasol Gold DOT-3 brake fluid is intended for medium duty hydraulic brake and clutch systems of passenger cars, trucks, buses, trailers, motorbikes and other vehicles for which the operating instructions recommend using DOT-3 quality brake fluid.

JASOL GOLD R3



Specifications:

- SAE: J1703
- ISO 4925
- FMVSS NR 116
- PN-C-40005



Jasol Gold R3 brake fluid is intended for medium duty hydraulic brake and clutch systems of passenger cars, trucks, buses, trailers, motorbikes and other vehicles for which the instruction manual recommends the use of brake fluid in quality class R-3. It is intended for application in older types of vehicles.

HYDRAULIC OILS

JASOL PREMIUM HYDRAULIC HVI



Specifications:

- PN-EN-ISO 6743-4
- PN-ISO 3448 VG: 32-68
- PN-ISO 11158 HV
- DIN 51 524 part 3 HVLP



Jasol Premium Hydraulic HVI 32, 46, 68 are designed for use in highly stressed power transmission and hydraulic drive and control systems, hydraulic transmissions and other regulating and control mechanisms. The very high viscosity index guarantees the operation of hydraulic equipment operating under extremely difficult conditions of high pressures and in a wide temperature range.

JASOL HYDRAULIC HV



Specifications:

- PN-EN ISO: 6743-4
- PN-ISO: 3448 VG: 15-100
- PN-ISO 11158 HV
- DIN 51 524 part 3 HVLP

Packaging available:

JASOL Hydraulic	KG	5L	10L	20L	30L	60L	200L
HV 15	✓			✓			✓
HV 22	✓	✓		✓			✓
HV 32	✓	✓		✓	✓	✓	✓
HV 46	✓	✓	✓	✓	✓	✓	✓
HV 68	✓	✓		✓	✓	✓	✓
HV 100	✓						✓

Jasol Hydraulic HV 15-100 is designed for difficult and very difficult conditions, i.e. high pressures and varying temperatures. It is characterised by a high viscosity index. The appropriate level of anti-wear properties, excellent filterability and high stability will ensure optimum operation.

JASOL HYDRAULIC HV ZINC FREE



Specifications:

- PN-EN-ISO 6743-4
- PN-ISO 3448 VG: 46-68
- PN-ISO 11158 HV
- DIN 51 524 part 3 HVLP



Jasol Hydraulic HV 46, 68 Zinc Free hydraulic oils are designed for difficult and very difficult operating conditions, i.e. high pressures and varying temperatures. They are characterised by a high viscosity index. The appropriate level of anti-wear properties, excellent filterability and high stability will ensure optimum operation. Excellent for operation in varying weather conditions. The new formulation provides significantly improved performance properties.

JASOL HYDRAULIC HLP-D



Specifications:

- PN-EN-ISO: 6743-4
- PN-ISO 3448 VG: 22-150

Packaging available:

JASOL Hydraulic	KG	20L	200L
HLP-D 22	✓	✓	✓
HLP-D 32		✓	✓
HLP-D 46	✓	✓	✓
HLP-D 68		✓	✓
HLP-D 100			✓
HLP-D 150			✓

Jasol Hydraulic HLP-D 22-150 are intended for use in stationary and mobile hydraulic systems of machinery and equipment operating under moderate to severe operating conditions and where there is a danger of contamination of the system with water or condensed steam. They contain suitable cleaning and dispersing additives.

JASOL HYDRAULIC HM/HLP



Specifications:

- PN-EN-ISO 6743-4
- PN-ISO 3448 VG: 15-150
- PN-ISO 11158 HM
- DIN 51 524 part 2 HLP

Packaging available:

JASOL Hydraulic	KG	5L	20L	30L	60L	200L
HM/HLP 15					✓	✓
HM/HLP 22	✓	✓	✓	✓		✓
HM/HLP 32	✓	✓	✓	✓		✓
HM/HLP 46	✓	✓	✓	✓	✓	✓
HM/HLP 68	✓	✓	✓	✓		✓
HM/HLP 100	✓		✓			✓
HM/HLP 150	✓		✓			✓

Jasol Hydraulic HM/HLP 15-150 are designed for use in medium and heavy duty power transmission and hydraulic drive and control systems, hydraulic gears and other regulating and control mechanisms where harsh working conditions and increased temperature and humidity prevail.

JASOL HYDRAULIC HM/HLP ZINC FREE



Specifications:

- PN-EN-ISO 6743-4
- PN-ISO 3448 VG: 32-68
- PN-ISO 11158 HM
- DIN 51 524 part 2 HLP

Packaging available:

JASOL Hydraulic	KG	200L
HM/HLP 32 Zinc Free	✓	✓
HM/HLP 46 Zinc Free	✓	✓
HM/HLP 68 Zinc Free		✓

Jasol Hydraulic HM/HLP 32, 46 and 68 Zinc Free hydraulic oils for use in medium and heavy-duty power transmission and hydraulic drive and control systems, hydraulic transmissions and other regulating and control mechanisms where difficult operating conditions and increased temperature and humidity prevail. The new formulation guarantees longer service life compared to standard mineral hydraulic oils.

JASOL HYDRAULIC HL



Specifications:

- PN-EN-ISO: 6743-4
- PN-ISO 3448 VG: 15-150
- PN-ISO: 11158 HL
- DIN 51 524 part 1 HL

Packaging available:

JASOL Hydraulic	KG	1L	5L	10L	20L	30L	60L	200L
HL 15	✓		✓		✓	✓	✓	✓
HL 22	✓		✓		✓	✓	✓	✓
HL 32	✓	✓	✓		✓	✓	✓	✓
HL 46	✓	✓	✓	✓	✓	✓	✓	✓
HL 68	✓	✓	✓	✓	✓	✓		✓
HL 100	✓		✓		✓	✓	✓	✓
HL 150	✓		✓		✓	✓		✓

Jasol Hydraulic HL 15-150 is intended for use in light to medium duty power transmission and hydraulic drive and control systems of hydrostatic drive equipment operating under moderate temperature conditions. Thanks to an optimally selected additive package, it protects the system against corrosion and reduces wear marks.

JASOL HYDRAULIC BIO HETG 46



Specifications:

- VG: 46
- Product is 66,3% biodegradable, according to the OECD 301F standard



Jasol Hydraulic BIO HETG 46 biodegradable hydraulic oil for industrial and mobile hydrostatic hydraulic systems where there is a potential risk of the oil leaking into the environment, e.g.: for hydraulic systems of machinery and equipment used in forestry and agriculture and construction; shipbuilding structures and equipment; industrial machinery and equipment.

HYDRAULIC-TRANSMISSION OILS

JASOL Multi HG



Specifications:

- DIN 51 524 CZ. 2 HLP
- DIN 51 517 CZ.3 CLP
- ISO 6743-4 HM
- ISO 6743-6 CKD
- ISO VG: 46 - 68



Jasol Multi HG 46, 68 are used to lubricate hydraulic systems of machines and devices; power transmission, drive and hydraulic control units. They are also used in straight and helical bevel gears and in bevel gears. They can be used wherever the manufacturer of the equipment recommends the use of HLP class hydraulic oils and CLP class gear oils.

INDUSTRIAL GEAR OILS

JASOL GearTrans SP-CLP



Specifications:

- DIN 51 517, part 3 CLP
- ISO-L- CKC; ISO-L-CKD
- PN-ISO 3448 VG: 68-680
- PN-EN ISO 6743-6
- AGMA 9005-D94
- U.S. Steel 224, 222, 223

Packaging available:

JASOL GearTrans	KG	5L	20L	30L	200L
SP-CLP 68	✓		✓	✓	✓
SP-CLP 100	✓		✓	✓	✓
SP-CLP 150	✓		✓	✓	✓
SP-CLP 220	✓		✓		✓
SP-CLP 320	✓	✓	✓	✓	✓
SP-CLP 460	✓	✓	✓	✓	✓
SP-CLP 680	✓	✓	✓	✓	✓

Jasol Gear Trans SP/CLP 68-680 are designed for the lubrication of highly loaded mechanical gears of industrial equipment, often carrying impact loads, for example, construction machinery, machinery in the mining industry and other equipment, at operating temperatures up to 120°C. They are used in gearboxes requiring oils with increased load film strength.

JASOL GearTrans



Specifications:

- DIN 51 517, part 1 C, part 2 CL
- ISO 12 925-1: CKC
- ISO 3448 VG: 68-460

Packaging available:

JASOL GearTrans	KG	5L	20L	30L	200L
68	✓		✓	✓	✓
100	✓		✓	✓	✓
150	✓		✓	✓	✓
220	✓		✓	✓	✓
320	✓	✓	✓	✓	✓
460	✓		✓	✓	✓

Jasol Gear Trans 68-460 is designed for the lubrication of medium-duty mechanical gears of industrial equipment, construction machinery, machinery operating in the mining industry, machine tools and other equipment, at operating temperatures not exceeding 100°C.

JASOL Gear Trans PL



Specifications:

- SAE: 140
- API: GL-1



Jasol Gear Trans PL summer oil for industrial gears used for lubricating low-load mechanical gears of vehicles, industrial gears and agricultural machines with the exception of hypoid gears.

JASOL Gear Trans PZ



Specifications:

- SAE: 90
- API: GL-1



Jasol Gear Trans PZ winter oil for industrial gears used for lubricating low-load gears of mechanical vehicles, industrial gears and agricultural machines with the exception of hypoid gears.

JASOL AN



Specifications:

- PN-EN-ISO 6743-1 L-AN
- ISO 3448 VG: 10-150
- DIN 51 501 L-AN
- PN-85/C-96070

Packaging available:

JASOL AN	KG	5L	20L	30L	200L
10	✓		✓		✓
15	✓		✓		✓
22	✓		✓		✓
32	✓		✓	✓	✓
46	✓	✓	✓	✓	✓
68	✓	✓	✓	✓	✓
100	✓		✓		✓
150	✓		✓		✓

Jasol AN 10-150 mineral machine oil for the lubrication of lightly to moderately loaded operating elements of industrial machines and equipment, rolling and sliding bearings, guides, spindles and open mechanical gears wherever the use of functional additives is not required.

JASOL Jasovel 19



Specifications:

- ISO VG: 10



Jasovel 19 oil designed on mineral oil bases for through and bath lubrication of high-speed machine tool components, textile machinery and other precision equipment components, according to lubrication instructions.

JASOL MN-11**Specifications:**

- PN-56/C-96074



Jasol MN 11 is intended to lubricate steam machine bearings of rolling stock, bearings exposed to contact with water (lubricating oils together with water form durable lubricating emulsion), machine bearings exposed to higher unit load and to lubricate external parts of steam machines.

JASOL MN-15**Specifications:**

- PN-56/C-96074



Jasol MN 15 is intended to lubricate steam machine bearings of rolling stock, bearings exposed to contact with water (degreased oils form with water a lasting lubricating emulsion) and machine bearings exposed to higher specific load, to lubricate ship screw bearings.

COMPRESSOR OILS**JASOL Compressor OIL L-DAH****Specifications:**

- DIN 51 506: VD-L, VC-L
- ISO 6743/3A: L-DAH
- ISO 3448: VG: 46-68
- PN-91/C-96073



Jasol Compressor Oil L- DAH 46, 68 is designed for lubrication of air piston, rotary and vane compressors with drop lubrication under medium operating conditions. Based on a dedicated additive package which provides high oxidation stability and corrosion protection to the components.

JASOL Compressor OIL L-DAB**Specifications:**

- DIN 51 506: VD-L, VC-L
- ISO 6743/3A: L-DAB
- ISO 3448: VG: 68-100
- PN-91/C-96073



Jasol Compressor Oil L- DAB 68, 100 is designed for the lubrication of air reciprocating, rotary and vane drop-lubricated compressors under medium operating conditions. Provides good corrosion protection and high thermal stability.

JASOL Compressor OIL L-DAA



Specifications:

- DIN 51 506: VB-L, VC
- ISO 6743/3A: L-DAA
- ISO 3448: VG: 46-100
- PN-91/C-96073

Packaging available:

JASOL Compressor Oil L-DAA	KG	0,6L	1L	5L	20L	200L
46			✓	✓	✓	✓
68			✓	✓	✓	✓
100	✓	✓	✓	✓	✓	✓

Jasol Compressor Oil L- DAA 46, 68, 100 are designed for the lubrication of air reciprocating, rotary and rotary vane compressors, drop-lubricated under light operating conditions. Mineral compressor oil based on a dedicated additive package.

REFRIGERATION COMPRESSOR OILS

JASOL Freeze 20



Specifications:

- PN-9-C-96072



Jasol Freeze 20 is designed for lubrication of ammonia refrigeration compressors where the evaporator temperature reaches -50°C, for example for two-stage compressors with a circulating lubrication system. Based on technology providing maximum protection at extremely low operating temperatures.

JASOL Freeze 30



Specifications:

- PN-9-C-96072



Jasol Freeze 30 is designed for the lubrication of ammonia refrigeration compressors, where the evaporator temperature drops to -30°C, for example for pass-through compressors with a circulating lubrication system. Based on technology for maximum protection over a wide temperature range.

JASOL Turbine OIL TU



Specifications:

- PN-ISO 3448 VG: 32-68
- PN-ISO 8068:2009
- ISO 6743/5:1988. L-TSA
- DIN 51 515 part 1
- PN-91/C-96099/15



Jasol Turbine Oil TU 32-68 are intended for the lubrication and cooling of thrust and radial bearings of steam, gas and water turbines. They can also be used as hydraulic fluids in control systems and to supply oil to friction associations, gears, connecting bushings and other auxiliary equipment.

MACHINE OILS

JASOL Metal Working Fluid 12ES



Specifications:

- PN-90/C-96099
- ISO 6743/7 - MAA, MAF, MAG
- DIN 51 385 no. SEMW



Jasol Metal Working ES-12 high-oil concentrate forming milky emulsions. In the form of an aqueous cooling and lubricating emulsion, it is used in the machining of steel, cast iron and non-ferrous metals and their alloys. Jasol Metal Working ES-12 oil emulsions should be prepared using water with a hardness of not more than 15°N. Recommended working concentrations of the emulsion based on Jasol Metal Working ES-12, depending on the machining type and material to be machined: grinding (3÷5%), turning, milling, drilling, reaming (5÷10%), threading (10÷15%).

JASOL Metal Working ACP I



Specifications:

- ISO-6743/7 L-MHE
- DIN 51 385-1



Jasol Metal Working ACP I is designed for contour turning of steel, cast iron, copper alloys and aluminium at high unit pressures and cutting speeds. It is recommended for machining serrations by chiselling, for reaming with multi-cutting reamers and for thread cutting.

JASOL Metal Working ACP II



Specifications:

- ISO-6743/7 L-MHE
- DIN 51 385-1



Jasol Metal Working ACP II is designed for peripheral milling, reaming of steel, copper alloys and aluminium alloys, with multi-cutting reamers, for thread cutting in copper alloys and for rolling, chipping, broaching and pushing.

JASOL Metal Working ACP III



Specifications:

- ISO-6743/7 L-MHE
- DIN 51 385-1



Jasol Metal Working ACP III is designed for deep drilling in steel, cast iron, copper alloys and for use on automatic machine tools. It is used wherever a machining oil with increased viscosity is required.

JASOL Metal Working 22 S (sulfofrezol)



Specifications:

- ISO-6743/7 L-MHD
- DIN 51 385-1



Jasol Metal Working 22-S (equivalent to Sulfofrezol) is designed for machining steel and cast iron at high cutting speeds and high cutting edge temperatures. Particularly recommended for the machining of high strength and heat resistant steels.

GUIDE RAIL OILS

JASOL RC-68



Specifications:

- ISO VG: 68
- ISO 6743-13:2002/G
- DIN 51 502 CG/CGLP
- CINCINNATI MILACRON P-47



Jasol RC-68 is intended for the lubrication of all types of slideways, particularly horizontal slideways operating at moderate temperatures and moderate loads. It can be used in systems compatible with zinc-free lubricant.

JASOL RC-220



Specifications:

- ISO VG: 220
- ISO 6743-13:2002/G
- DIN 51 502 CG/CGLP
- CINCINNATI MILACRON P-50



Jasol RC-220 is intended for the lubrication of all types of slideways, particularly vertical slideways and precision slideways operating at elevated temperatures and high loads. It can be used wherever a high-viscosity guide oil is required.

JASOL Quench OIL 70



Specifications:

- PN-ISO 6743-14:2012



Jasol Quench Oil 70 is designed for the heat treatment of cast iron and steel components for which small geometrical deformations are allowed at the required cooling rate. Recommended oil bath temperatures: 40-80°C.

JASOL Quench OIL 120



Specifications:

- PN-ISO 6743-14:2012



Jasol Quench Oil 120 is designed for the heat treatment of cast iron and alloyed and carburised steels components for which high purity of hardened surfaces is required. Recommended oil bath temperatures: 110-130°C.

JASOL Quench OIL 160



Specifications:

- PN-ISO 6743-14:2012



Jasol Quench Oil 160 is designed for the heat treatment of cast iron and alloyed and carburised steels components for which high purity of hardened surfaces is required. Recommended oil bath temperatures: 160-180°C.

OILS FOR GARDENING/FORESTRY

JASOL GARDEN OIL SAE 10W-30



Specifications:

- SAE: 10W-30
- API: SG/CD



Jasol Garden Oil SAE 10W-30 high quality oil with technology specially developed for four-stroke engines of garden equipment such as lawnmowers, tillers, ploughs, etc. Jasol Garden Oil SAE 10W-30 is a multigrade oil and provides excellent performance properties such as protection against corrosion, prevents formation of high-temperature deposits, guarantees an optimum lubricating film under high temperature and mechanical loads.

JASOL GARDEN OIL SAE 30**Specifications:**

- SAE: 30
- API: SG/CD



Jasol Garden Oil SAE 30 high quality oil with technology specially developed for four-stroke engines of garden equipment such as lawnmowers, tillers, etc. Jasol Garden Oil SAE 30 is a single-season oil, designed for use in summer.

JASOL AGRI BIO SAW OIL**Specifications:**

- Product is 89% biodegradable, according to the OECD 301F standard
- ISO VG: 68



Jasol Agri Bio saw oil biodegradable oil for lubrication of cutting systems and guides of power saws used in forestry, horticulture and household.

JASOL AGRI SAW OIL

Jasol Agri Saw Oil is an oil for lubricating the cutting systems and guides of power saws used in forestry, horticulture and household applications. The oil provides optimum protection against corrosion, abrasive wear and very good adhesion to the moving parts of the machine and cutting chain.

SEPARATING OIL**JASOL Rz Bitumen OIL**

Jasol Rz Bitumen Oil is intended for the preparation of a water-oil emulsion used to eliminate the phenomenon of adhesion of asphalt mass to the metal surface of asphalt mass transport vehicles and road paving machines. The recommended working concentration of an emulsion based on Jasol Rz Bitumin Oil is 10-15%, using water with a hardness of up to 15°N.

JASOL TERM OIL 6**Specifications:**

- ISO 6743/12 QB



Jasol Term Oil 6 is used as a heat carrier in closed heating systems allowing oil temperatures of up to approx. 270°C to be reached; used, among others, in lubricant and lubricating oil production systems and in heaters and oil systems for heating bituminous masses.

LOCOMOTIVE OILS**JASOL LOKOMOTIV CF 40****Specifications:**

- SAE: 40
- API: CF



Jasol Lokomotiv CF 40 is intended for the lubrication of heavy duty diesel railway engines operating under severe conditions. It can also be used to lubricate diesel engines of similar type in other technical devices.

JASOL AXIAL RAIL OIL U**Specifications:**

- ISO VG 68
- ISO L-AN, L-FC
- PN-61/C-96097



Jasol Axial Rail Oil U oil based on mineral oil bases is mainly intended for the lubrication of slide bearings of steam locomotives, railway and tramway cars throughout the year.

STATIONARY GAS ENGINE OIL**JASOL RevGas 40****Specifications:**

- SAE: 40



Jasol RevGas 40 ashless oil recommended for two-stroke engines fuelled with natural gas such as: Ajax, Cooper-Bessemer, Clark and Fairbanks-Morse operating in gas transmission and compression stations. Based on a dedicated additive package to reduce ash and extend service life.

JASOL Pneumatic


Specifications:

- ISO VG: 10-32

Packaging available:

JASOL Pneumatic	1L	5L
10	✓	
15	✓	
32	✓	✓

Jasol Pneumatic 10-32 is designed for the lubrication of pneumatic devices such as assembly spanners, drills or upholstery staplers that require lubrication of internal moving parts.

ANTI-ADHESIVE OILS

JASOL CERAMIX


Specifications:

- ISO VG: 5-22



Jasol Ceramix 5-22 is designed for coating steel, wooden plastic moulds used in the production of various types of aggregate or cellular concrete elements. It prevents concrete from adhering to the mould surface, making it easier to separate and obtain a smooth and clean surface of the moulded parts.

JASOL CERAMIX UNIVERSAL



Jasol Ceramix Uniwersalny is designed for coating steel, wooden and plastic moulds used for production of various types of elements from aggregate or cellular concrete. It prevents concrete from adhering to the mould surface, which facilitates separation and gives a smooth and clean surface of the moulded elements.

JASOL FORMATOL


Specifications:

- ISO VG: 100-180



Jasol Formatol 100-180 is designed for coating steel, wooden and plastic moulds used for production of various types of aggregate or cellular concrete elements. It prevents concrete from adhering to the mould surface, which facilitates separation and gives a smooth and clean surface of the moulded elements.

JASOL Grease LT4 S3



Specifications:

- DIN 51 502: K3K-30
- ISO 6743-9: CCHA-3
- NLGI: 3



Jasol Grease LT-4 S3 is a lithium grease intended to lubricate rolling and sliding bearings and other machine elements at operating temperature range from -30°C to +130°C, including automotive rolling bearings.

JASOL Grease LT4 S2



Specifications:

- DIN 51 502: K2K-30
- ISO 6743-9: CCHA-2
- NLGI: 2



Jasol Grease LT4 S2 is a lithium grease intended to lubricate rolling and sliding bearings and other machine elements at operating temperature range from -30°C to +130°C, including automotive rolling bearings.

JASOL Grease LT 43



Specifications:

- DIN 51 502: K3K-30
- ISO 6743-9: CCHA-3
- NLGI: 3



Jasol Grease LT 43 is a lithium grease intended to lubricate rolling and sliding bearings at operating temperature range from -30°C to +130°C. It also can be used as a universal lubricant in the household and workshop. JASOL GREASE LT 43 is resistant to water.

JASOL Grease EP 2



Specifications:

- DIN 51 502: KP2K-30
- ISO 6743-9: CCHB-2
- NLGI: 2



Jasol Grease EP 2 is a lithium grease intended to lubricate loaded rolling bearings at operating temperature range from -30°C to +130°C. It can be used for bearings with individual or central lubricated devices working in high ambient temperatures and requiring forcing through of grease to short distances.

JASOL Grease EP 1



Specifications:

- DIN 51 502: KP1K-30
- ISO 6743-9: CCHB-1
- NLGI: 1



Jasol Grease EP 1 is a lithium grease intended to lubricate loaded rolling bearings at operating temperature range from -30°C to +130°C.

JASOL Grease EP 0



Specifications:

- DIN 51 502: KPOG-20
- ISO 6743-9: BCHB-0
- NLGI: 0



Jasol Grease EP 0 is a lithium grease intended to lubricate loaded rolling bearings with the central lubricating system. Operating temperature range from -20°C to +100°C.

JASOL Grease EP 00



Specifications:

- DIN 51 502: KP00G-20
- ISO 6743-9: BCEB-00
- NLGI: 00



Jasol Grease EP 00 is a lithium grease intended for loaded rolling bearings lubrication with the central lubricating system. Operating temperature range from -20°C to +100°C.

JASOL Grease EP 000



Specifications:

- DIN 51 502: KP000G-20
- ISO 6743-9: BCEB-000
- NLGI: 000



Jasol Grease EP 000 is a lithium grease intended for loaded rolling bearings lubrication with the central lubricating system. Operating temperature range from -20°C to +100°C.

JASOL Grease STP



Specifications:

- DIN 51 502: M1C-20
- ISO 6743-9: BAEA-1
- NLGI: 1



Jasol Grease STP is a calcium grease intended for periodic lubrication of vehicle chassis, joints, pins and guides in the operating temperature range from -20°C to 60°C. It is characterized by good water resistance. Not suitable for rolling bearings and water pump lubrication.

JASOL Grease GRAFIT



Specifications:

- DIN 51 502: OGF1/2C-20
- ISO 6743-9: BAEB-1/2
- NLGI: 1/2



Jasol Grease Graphite - calcium grease with graphite intended to lubricate suspension springs, fifth wheel coupling in trucks, open toothed gears, worm gears, chains, screw threads and other heavy-duty friction nodes. Can be used as an assembly grease. Operating temperature range from -20°C to 60°C. It cannot be used in roller bearings and precise mechanisms.

JASOL Grease EP 23



Specifications:

- DIN 51 502: KPF2N-30
- ISO 6743-9: CDHB-2
- NLGI: 2



Jasol Grease EP 23 is a lithium grease with 3% of molybdenum disulphide intended to lubricate highly loaded friction nodes. Operating temperature range from -30°C to +140°C.

JASOL Grease LT4 EP2



Specifications:

- DIN 51 502: KP2N-30
- ISO 6743-9: CDHB-2
- NLGI: 2



Jasol Grease LT4 EP 2 is lithium complex grease intended to lubricate loaded rolling bearings and other elements at operating temperature range from -30°C to +140°C. It contains additive package providing high dropping point, AW/EP, antioxidation and anticorrosion properties.



Jasol

KONTACT

(+48) 32 700 22 50
biuro@flukar.eu

REGISTERED OFFICE

Flukar Sp. z o.o.
Uniwersytecka 13
40-007 Katowice, Poland
NIP 6842623029

PRODUCTION PLANTS

47-225 Kędzierzyn-Koźle
Szkołna 15, Poland

38-200 Jasło
3 Maja 101, Poland