



Industry



Eni has developed a complete series of lubricants for hydraulic applications with excellent performance. The oils are available in various qualities and viscosity grades in order to satisfy all lubrication requirements. In addition to the normal hydraulic product line, Eni also developed a biodegradable line to comply with environmental regulations. The high quality lubricants possess a high viscosity index, excellent resistance to oxidation and aging and outstanding anti-corrosion, anti-rust and anti-wear properties.

Mineral

Oso

ISO VG 10-150

ISO 11158 HM, DIN 51524-2 HLP, AFNOR NF E 48603 HM, BS 4231 HSD, Fives Cincinnati P-70 level, Eaton Vickers I-286-S, Denison HF-0, HF-1, HF-2, Rexroth RD 90220-01/12.10, ATOS Table P002-1/E, Danieli Standard n. 0.000.001 - Rev.15, Muller Weingarten DT 55 005, ZF TE-ML 04K

High quality hydraulic oils specially developed for use in all types of hydraulic systems and equipments.

Oso D

ISO VG 32-46

ISO 11158 HM, DIN 51524-2 HLP-D, MAN N 698

Detergent-dispersant hydraulic oils for use in circuits where water is or can be present. They are obtained from highly-refined base stocks containing additives of anti-corrosion, antioxidant and anti-wear.

Oso S

ISO VG 46-68

ISO 11158 HM, DIN 51524-2 HLP, AFNOR NF E 48603 HM, BS 4231 HSD, Denison HF-0 level, Fives Cincinnati P-70 level, Eaton Vickers I-286-S level, Eaton Vickers M-2950-S level

Ashless, high quality hydraulic oils developed for use in all types of hydraulic systems and equipment, specially where products with very high filterability are required. Formulated from selected paraffinic base stocks treated with anti-rust, antioxidant and anti-wear additives.

Oso PM

ISO VG 46

ISO 11158 HM, DIN 51524-2 HLP, AFNOR NF E 48603 HM, BS 4231 HSD, Muller Weingarten DT 55 005

Special ashless, high quality hydraulic oils characterized by very high anti-wear properties. Formulated from selected paraffinic base stocks treated with anti-rust, antioxidant and anti-wear additives.

Arnica

ISO VG 15-100

Eaton Vickers M-2950-S, Rexroth RD 90220-01/12.10, Eaton Vickers I-286-S level, DIN 51524-3 HVLP, Fives Cincinnati P-70, Denison HF-0, ISO 11158 HV AFNOR NF E 48603 HVBS 4231 HSE Commercial Hydraulics Linde AISE 127 CETOP RP 91 H HV Sauer Danfoss 520L0463 Danieli Standard n. 0.000.001 - Rev.15 ZF TE-ML 04R

Mineral lubricant, specially developed for use in hydraulic systems requiring fluids possessing an extremely high Viscosity Index and a very low pour point for correct operation.

Arnica DV

ISO VG 46

ISO 11158 HV DIN 51524-3 HVLP-D

Special hydraulic fluid with a high Viscosity Index and a low pour point, particularly suitable for use in ceramic industry presses.

Arnica P

ISO VG 46

DIN 51524 Part 3 (Draft) Category HV, AFNOR NF E 48600 Category HV, CETOP RP 91 H Category HV

Mineral hydraulic oil formulated expressly for use in Poclairn machinery. It can also be employed in all hydraulic systems that require fluids with high Viscosity Index and low pour point.

Mineral and fire resistant

Arnica 104/FR

ISO VG 46

VII Report of Luxemburg, Danieli Standard
n. 0.000.001 - Rev.15, ISO 12922 HFC, ISO
15380 HE.P.G

Non-flammable hydraulic fluid with high VI and low pour point. It consists of a glycol/water solution additive-treated to prevent corrosion.

Synthetic

Arnica LT

ISO VG 15

ISO L-HV, ISO 11158 HV, DIN 51524 parte 2 -
HVLP, DENISON HF 0 level, EATON VICKERS
M-2950-S, I-286-S

Red coloured hydraulic oil having a very high viscosity index and very good properties at low temperatures. Formulated from highly refined, paraffinic base oil and ashless additives. The special formulation ensures a high viscosity index, very low pour point, anti-wear and anti-rust properties, good filtrability and very high thermal and oxidation stability.

Arnica PSX

ISO VG 46

ISO 11158 HV, DIN 51524-3 HVLP-D

Hydraulic fluid, with very high performances, specially developed for use in ceramic industry presses. The synthetic base, treated with special additive packages, possesses detergent/dispersant, antioxidant, anti-rust and anti-wear properties. It allows longer oil change intervals than typical with mineral oils.

Synthetic and biodegradable

Arnica ABX

ISO VG 15

ISO-L-HE.P.R.; ISO 15380 - HE.P.R.; WGK 1
(Water hazard class).

Biodegradable hydraulic fluid, containing antioxidants, anti-rust, anti-wear and friction modifier additives. It has excellent features at low temperature and it is characterized by a very high VI.

Arnica ESB

ISO VG 32, 46

ISO 15380 HEES, Eaton Vickers 35VQ-25, EU
ECOLABEL (n° DE/027/142)

"eco-friendly" high performance hydraulic fluids based on saturated synthetic esters, readily biodegradable and not bio-accumulative. EU ECOLABEL registered.

Arnica Extra Plus

ISO VG 46

DIN 51524 Part 3 (Draft) Category HV, EU
ECOLABEL (n° DE/027/118), AFNOR NF
E 48600 Category HV, CETOP RP 91 H
Category HV

Fast biodegradable hydraulic fluid on synthetic ester basis for all high loaded hydraulic systems.

Arnica V

ISO VG 32, 46, 68

ISO 15380 HETG, WGK 1

Biodegradable hydraulic fluid, synthesized from selected natural esters. Intended for those applications where the problem of environmental pollution is prevalent.

Synthetic and fire resistant

Arnica S

ISO VG 46 - 68
ISO VG 32 - 46 - 68

ISO 12922 HFDU, ISO 15380 HEES, Inline
Hydraulik GmbH, Rexroth RD 90221-01/03,
Hoerbiger Micro fluid, VII Report of Luxemburg,
Danieli Standard n. 0.000.001 - Rev.15

Biodegradable synthetic fluids for use in applications particularly exposed to fire hazards or involving soil-contamination risks. Formulated from synthetic bases composed of organic esters treated with special additive packages.

Arnica S FR

ISO VG 46 - 68

ISO 15380 HEES, ISO 12922 HFDU, Danieli
Standard n. 0.000.001 - Rev.15, FM Approval
Class 6930

Biodegradable synthetic lubricant, Factory Mutual approved as fire resistant hydraulic fluid, suitable for use where it is exposed to the risk of fire hazards and environmental pollutions. Formulated with organic ester and specific additives.

Eni gear oils have been developed to meet the widest range of requirements for (E.P.) lubrication. The Blasia range is characterized by the high quality of used components, which provide excellent performance in terms of lubrication, protection and long-service life. Both mineral and synthetic based products contain additives, that ensure the capability of the oil to withstand the high loads it can be exposed to.

Mineral

Blasia

ISO VG 32 - 680

ISO 12925-1 CKD, DIN 51517-3 CLP, AIST No.224, ANSI/AGMA 9005-E02, David Brown S1.53 101 level, Fives Cincinnati P-76 level, Muller Weingarten DT 55 005 CLP

Developed to meet the widest range of requirements of E.P. lubrication, such as gears operating under severe duty.

Blasia P

ISO VG 1000, 2200, 3200

ISO 12925-1 CKD, DIN 51517-3 CLP, ANSI/AGMA 9005-E02, David Brown S1.53 101 level

Very viscous oil treated with E.P. additive to ensure proper lubrication of heavily loaded, slow-moving parts. The two ISO VG grades 1000 and 2200 are mineral based, whereas the 3200 is partially synthetic.

Mineral and fire resistant

Blasia BM

ISO VG 220

ISO 12925-1 CKD, DIN 51517-3 CLP, ANSI/AGMA 9005-E02

Developed to meet the widest range of requirements where E.P. properties are requested (gears operating under severe duty). Manufactured from paraffinic base stocks and additives (sulphur and phosphorus compounds), to ensure good high-speed and shock-load performance. The presence of molybdenum compound ensures reliable wear protection under shock loads and unfavorable operating conditions cushioning vibrations and muffle noise.

Blasia FMP

ISO VG 100 - 460

ISO 12925-1 CKD, DIN 51517-3 CLP, AIST No.224, ANSI/AGMA 9005-E02, Fives Cincinnati P-74 level, David Brown S1.53 101 level, Muller Weingarten DT 55 005 CLP - level, Daniels Standard n. 0.000.001 - Rev.15, Siemens MD (Flender) Rev. 15

Very high performance gear oils for lubricating in E.P. of the latest generation industrial gear reducers, in particular, those extremely compact and of high specific power that could have problems of micropitting damages.

Fin 332/F

360 E.P./F

"ISO 6743/6 CKH-DIL, DIN 51513 BC-V"

Very adhesive black-coloured mineral-based lubricants suitable for lubrication of machinery exposed to the atmosphere.

*E.P. (extreme pressure)

Synthetic

Blasia S

ISO VG 150 - 460

ISO 12925-1 CKE ISO 12925-1 CKT
DIN 51502 CLP-PG ANSI/AGMA 9005-
E02 Sacmi 200.02.A01

High pressure gear oil based on synthetic base oils of Polyglycol type for the lubrication of high loaded spur and worm gears as well as rolling and sliding bearings under extreme operational conditions.

Blasia SX

ISO VG 100 - 320

ISO 12925-1 CKS DIN 51517-3 CLP
Alfa Laval

Developed for the lubrication of gears and bearings operating at high temperatures. It is formulated from a synthetic base (polyalphaolefin) and additive-treated to impart appropriate anti-rust, anti-wear properties and exceptional oxidation and thermal stability.

Blasia FSX

ISO VG 320, 460

*ISO 12925-1 CKD DIN 51517-3 CLP
ANSI/AGMA 9005-E02 AIST No.224
Fives Cincinnati P-74 level David Brown
S1.53 101 level Siemens Flender BA
7300 Table A - level*

Very high performance synthetic (PAO) gear oils for lubricating in E.P. of the latest generation Industrial gear reducers, in particular, those extremely compact and of high specific power that could have problems of micropitting damages.

Arum HT

ISO VG 220

ISO 12925-1 CKS DIN 51502 CLP-E

Superior quality lubricant formulated from special ester-type synthetic bases which leave no deposits at high temperatures. It is additive-treated to impart anti-wear properties and exceptional oxidation resistance.

Synthetic and biodegradable

Blasia ESB

ISO VG 220 - 460

ISO 12925-1 CKC DIN 51502 CLP-E

Formulated from biodegradable synthetic bases composed of esters treated with special additive packages.

*E.P. (extreme pressure)

The Eni product line for compressors comprises of products for high and low temperature applications. When compressing a gas, the lubricant is exposed to high temperatures and, especially in case of air compression, high oxidative stress. The Eni Dicrea product line is a complete series of lubricants for air and Industrial gas compressors. The lubricants are very stable at high temperatures, limiting the formation of deposits in the hot areas. The Eni Betula product line is a range of lubricants for refrigeration compressors. Even at very low temperatures, the lubricant is still sufficiently fluid to be able to ensure lubrication. Moreover, the lubricant is tolerant with respect to the cooling medium.

Air Compressors - Mineral

Dicrea

ISO VG 32 - 320

ISO 6743/3 DAH ISO 6743/3 DAB DIN 51506-VDL
ISO 6743/3 DVA

Mineral oils, formulated with paraffinic base stocks, recommended for the lubrication of air compressors, including those with very high air delivery temperatures (200°C or more). The ISO VG 32 and 46 have been developed specifically for rotary compressors (screw and vane).

Air Compressor - Synthetic

Dicrea SX

ISO VG 32, 46, 68

ISO 6743/3 DAB ISO 6743/3 DAJ DIN 51506-VDL

Synthetic oils with a polyalphaolefin base. They are compatible with the type of rubber used in air compressors. Due to the fully synthetic base, maintenance intervals can be significantly extended compared to mineral based lubricants.

Dicrea ESX

ISO VG 100

DIN 51506-VDL ISO 6743/3 DAB ISO 6743/3 DAJ

Synthetic oil with an ester base. It minimizes the formation of damaging carbon deposits and sludges on the valves. It has been specifically designed for reciprocating compressors.

Gas Compressors - Synthetic

Dicrea S

ISO VG 150

ISO 6743/3 DRB ISO 6743/3 DGC Sulzer Burckhardt

Fully synthetic lubricant with a polyglycol base developed specifically to guarantee outstanding lubrication for compressors handling natural gas, LPG, ammonia and chlorine-fluorine derivatives.

Refrigerator Compressor - Mineral

Betula

ISO VG 32, 46, 68

Formulated with special naphthenic base oils appropriately refined, for all types of refrigerants (ammonia, freon 12, freon 22 etc.).

ISO-L-DRA ISO-L-DRC DIN 51503 KAA DIN
51503 KC Bitzer KT-500-5

Refrigerator Compressor- Synthetic

Betula S

ISO VG 32 - 100

ISO 6743/3 DRA ISO 6743/3 DRC ISO
6743/3 DRE DIN 51503 KAA DIN 51503 KC

Formulated with special synthetic base (PAO). Intended for lubrication of refrigeration compressors (reciprocating, rotary-screw and vane) of the closed domestic type, open and semi-sealed Industrial units for refrigeration, or heat pump systems using all types of refrigerant (ammonia, Freon 12, Freon 22 etc.). They may also be used in other equipment and machinery operating at very low temperatures.

Betula ESX

ISO VG 32 - 150

ISO 6743/3 DRD ISO 6743/3 DRE DIN
51503 KD

Formulated with special synthetic base (polyolesters), used in refrigerators where HFC refrigerants are used (R134a, R 404a, R407c, R507).

These are products intended for all those applications where internal combustion engines are used for generating electric power. This category of lubricants comprises oils for application in engines running on diesel fuel or fuelled by natural gas or landfill gas (biogas). Considering the delicacy of the application, it is fundamental to receive, besides the high quality of Eni Geum, also Eni's technical support.

Mineral

Geum

SAE 40

Caterpillar Rolls-Royce MDE MTU Dresser-Rand

Eni Geum 40 is a lubricant for stationary engines, spark-ignition type, burning natural or methane gas where a low ash oil is required. Eni Geum 40 is formulated with high Viscosity Index basestocks and selected additives that deliver detergent-dispersant, antioxidant, anti-wear and anti-foam properties.

Geum C

SAE 40

Wartsila Guascor

Eni Geum C 40 is a lubricant for stationary engines, spark-ignition type, burning natural or methane gas where a low ash oil is required. Eni Geum C 40 is formulated with high Viscosity Index basestocks and selected additives that deliver detergent-dispersant, antioxidant, anti-wear and anti-foam properties. The product has a low content of phosphorus.

Geum E

SAE 40

MAN 3271-4 level

Eni Geum E 40 is a lubricant for modern stationary engines, spark-ignition type, burning landfill gas, biogas or other gases with a high rate of acidity. Eni Geum E 40 is formulated with high Viscosity Index basestocks and selected additives that deliver detergent-dispersant, anti-wear and anti-foam properties. The product has a high content of sulphated ashes and a low content of phosphorus.

Geum NG

SAE 40

GE Jenbacher engines type 2/3/4/6 on gas class A and B MWM Wartsila

Eni Geum NG 40 is a lubricant for modern stationary engines, spark-ignition type, burning natural gas, methane or biogas where a low ash oil is required. Eni Geum NG 40 is formulated with high Viscosity Index basestocks and selected additives that deliver detergent-dispersant, anti-wear and anti-foam properties. The product retains a particularly high resistance to oxidation processes.

Geum LFG

SAE 40

GE Jenbacher engines type 2/3/4/6 on gas class B and C MAN M 3271-4

Eni Geum LFG 40 is a lubricant for modern stationary engines, spark-ignition type, burning landfill gas, biogas or other fermentation gases (digestors). Eni Geum LFG 40 is formulated with high Viscosity Index basestocks and selected additives that deliver detergent-dispersant, anti-wear and anti-foam properties. The product retains a particularly high resistance to oxidation processes and low content of phosphorus.

Semi Synthetic

Geum SX

SAE 40

Rolls-Royce

Eni Geum SX 40 is a synthetic technology lubricant for stationary engines, spark-ignition type, burning natural or methane gas where a low ash oil is required. Eni Geum SX 40 is formulated with very high Viscosity Index basestocks and selected additives that deliver detergent-dispersant, antioxidant, anti-wear and anti-foam properties.

Eni circulation oils are developed for use in circulation systems, intended for the lubrication of bearings, crankshafts, oil-filled couplings and gears, where no E.P. properties are required. The oils can also be used in hydraulic systems, where resistance against aging and anti-rust properties are required. The different viscosity classes of the Eni product line make it possible to select the right oil for all operating conditions.

Mineral

Radula

ISO VG 32 - 460

ISO 11158 HH BS 4231 HSB

Radula oils are recommended for most machinery lubricated by a circulation system.

Acer

ISO VG 22 - 680

ISO 11158 HL DIN 51524-1 HL AFNOR NF E 48603 HL CETOP RP 91 H HL BS 4231 HSC
ISO 12925-1 CKB DIN 51517-2 CL ANSI/
AGMA 9005-E02 ISO 6743/3 DAB Morgoil
rev. 3.0 - 1999 DIN 51506 VCL

High quality (R&O) lubricants for use in circulation systems and hydraulic circuits. These oils are based on selected paraffinic base oils with anti-oxidation and anti-corrosion additives.

Acer MP

ISO VG 100 - 460

Danieli Standard n. 0.000.001 - Rev.15

Suitable for use in circulation systems. These oils are based on selected paraffinic base oils with anti-oxidation and anti-corrosion additives. Excellent demulsibility even in the presence of large quantities of water

Acer MPK

ISO VG 150, 220

Special lubricant specifically intended for simultaneous lubrication of bearings and gears under high temperatures. Mainly used in the paper industry .

Heat transfer oils

Eni's product line for filling heat transfer units can be used in all open or closed systems. The different viscosity grades enable selection of the most suitable oil for operating conditions. The oils have excellent oxidation stability and withstand thermal decomposition. They also have high demulsibility property and air release performance, thus ensuring proper operation of the heat transfer unit.

Synthetic and biodegradeable

Alaria 2,3,7

ISO 6743/12 QB

Based on paraffinic mineral oils, intended for use in open and closed systems at a max. surface temperature of 340°C (2), 320°C (3) or 315°C (7).

Alaria 3 HT

ISO VG 32

Based on paraffinic mineral oils, intended for use in open and closed systems at a max. surface temperature of 350°C.

The Eni Codium series are special oils for the textile industry, formulated using colourless oils that, due to their extreme degree of refining, are free of hydrocarbons that are difficult to remove. A particular additive treatment provides these products with certain features that distinguish them as high quality textile oils with excellent anti-rust properties for the protection of lubricated components, optimum adhesiveness and anti-drip properties, good wash ability for removal of any traces of oil from the fabric and they are free of colouration to minimize any effects of residual contamination after washing.

Mineral

Codium L

ISO VG 46, 100

Specially for the textile industry developed colourless, good washable and free of hydrocarbons that are difficult to remove.

Synthetic

Codium LS 32

ISO VG 32

Specifically for the textile industry developed colourless, washable and free of hydrocarbons that are difficult to remove. Contains a synthetic component that combined with additives, provides a product that is more resistant to harsh conditions than traditional textile oils.

White oils

Eni's OBI line of white mineral oils are highly refined, colourless, tasteless and odourless and mainly used for pharmaceutical, cosmetic and phytopharmaceutical applications. The OBI T line is a technical white vaseline with a slight petroleum odour, which is suitable for the lubrication of precision mechanisms.

Mineral

OBI 10

ISO VG 68

Farmacopea Italiana Farmacopea Europea US FDA, 21 CFR 172.878 US FDA, 21 CFR 178.3620 (a)

Eni OBI 10 is a highly refined white mineral oil suitable for pharmaceutical use, cosmetic and phyto-pharmaceutical applications. The particular properties of the oil, make it suitable as a lubricant in specialised industrial applications such: CO2 compressors for dry ice production, SO2 refrigerator compressors and ethylene compressors for polyethylene production.

OBI 12

ISO VG 15

Farmacopea Italiana Farmacopea Europea US FDA, 21 CFR 172.878 US FDA, 21 CFR 178.3620 (a)

Eni OBI 12 is a highly refined white mineral oil suitable for medicinal use, preparation of perfumery and cosmetics products.

OBI T 13

ISO VG 15

Eni OBI T 13 is a technical white vaseline oil with a slight petroleum odour. It is suitable for lubrication of precision mechanisms, watches, firearms and textile machinery. It is also used as a fungicide and as a plasticizer in rubber.

Turbine oils

Ote

ISO 8068 TSA/TGA

DIN 51515-1 TD, BS 489:1999, Ansaldo Energia 606W807 Rev.C (2012), GE GEK 28143B, Siemens TLV 9013 04, ASTM D 4304 Type I, JIS K 2213 -1983 Type II, Doosan Skoda Power, Nuovo Pignone SOM 17366, Mitsubishi Spec. NO. E00-001 Rev.2, CEI 10-8 (1994)

Top quality mineral oil designed to satisfy even the most severe lubrication requirements of steam, gas and water turbines, having especially high oxidation and aging resistance as well as very high demulsibility.

Ote GT

ISO 8068 TSA/TSE/TGA/TGB/TGE/TGSB/TGSE

DIN 51515-1 TD, DIN 51515-2 TG, ASTM D 4304 Type II, GM Lubricant Standard LS2, GE GEK 28143B, GE THERMODYN ISPSH902SDJ, MAN GHH-BORSIG SP 079984 E 0000 E 99, Siemens MAT812109, Siemens MAT812107, SOLAR ES 9-224U - Class II, ALSTOM HTDG 90117 V0001 X, Ansaldo Energia 606W807 Rev.C (2012), Ansaldo Energia TGO2-0171-E00001/B (2016), Siemens TLV 9013 04, Siemens TVL 9013 05

Superior quality lubricants specifically designed for use in gas turbine applications, formulated with selected base stocks and specially chosen additives to ensure an exceptional resistance to oxidation and anti-rust. It's 'mild E.P.' properties makes it suitable for lubrication of turbine reduction gear units.

Special oils

Under the header "special oils" belong very diverse products. Like all products in Eni's range, the highest attention was paid to the specific application whilst formulating the products. The products are of the highest quality and are ideal for deployment in the toughest conditions in the envisaged application.

Mineral

Exidia HG 68

DIN 51502 CGLP, Stanimuc GA + GB, ISO 11158 HG, ISO 6743/13 GA, ISO 6743/13 GB

Eni Exidia HG 68 is a premium quality lubricant especially designed for slideways, even under high loads, with circulation and total loss lubrication systems.

ASP

ISO VG 100, 150, 220

Adhesive oil on mineral oil base, reducing oil consumption in the event of loss-lubrication, centrifugal forces and vibrations.

ASP C

ISO VG 32, 100

Special mineral oil with tackiness properties. It absorbs moisture. Intended for use in pneumatic tools as well as in the paper, textile and packaging industry.

Acer MV

ISO VG 10

ISO 6743/2 FC

Special oil with very low viscosity, based on selected base stocks with anti-rust, antioxidant and anti-wear additives. It is specifically designed for the lubrication of fast spindles of machine tools.

ITE 600

IEC 60296 ed. 4 (2012) - type U

A mineral insulating uninhibited oil for transformers. It is formulated from a highly refined petroleum base stock to impart excellent dielectric properties.

VAS 460, 900

ISO VG 460, 1000

Eni VAS is a straight mineral oil specifically designed for lubrication of cylinders of steam engines where condensate is recovered.

Eni offers a wide range of greases meeting all application needs. Greases for special applications at extremely low temperatures and heavy loads are also available.

MSX 2/460

ISO 12924 L-XDFHB 2, DIN 51825 KP FHC 2R -40

- E.P. lithium complex grease, formulated with ISO VG 460 synthetic base oil (POA). The presence of high percentage of solid lubricant (molybdenum disulphide) improves the E.P. properties
- Designed for the effective lubrication and protection of all types of bearings, gears and components. Operating at low speed, heavy load and in wet environments.
- Recommended temperature use: -40/+190 °C

LC 2

ISO 12924 L-XBDHB 2, DIN 51825 KP 2N -20

- Multi-purpose mineral-based lithium complex grease containing anti-rust, antioxidant and Extreme Pressure additives
- Designed to suit applications operating at high temperatures and E.P.
- Recommended temperature use: -20/+150 °C

SM 2

ISO 12924 L-XBCHB 2, ISO 6743/6 L-CKG 2, DIN 51825 KPF 2K -20, DIN 51826 OGPF 2K -20

- Grey-black lithium and mineral oil based, containing molybdenum disulfide, suitable for lubrications of bearings and subjected to extreme mechanical loading and thermal stresses
- Can be used as an universal lubricant suitable for both heavy duty machinery and for parts which are inaccessible when the plant is in operation and can lubricated only at the start of each shift
- Recommended temperature use: -20/+120 °C

LCX VG 32-100-220

ISO 12924 L-XEDHB 2, DIN 51825 KPHC 2N -50

- Lithium complex greases formulated with synthetic base oil (PAO) containing anti-wear and Extreme Pressure additives to provide outstanding performance where sliding, friction and high loads are present, whilst stability of the grease is assured
- Recommended temperature use: -50/+170 °C

MU E.P. 0-1-2-3

ISO 12924 L-XBCHB 2, DIN 51825 KP 2K -20

- Yellow-brown lithium and mineral oil based mineral greases containing Extreme Pressure additives
- Suitable for lubrication of guides, plain bearings, heavily loaded ball and roller bearings at high load and average temperatures
- Recommended temperature use: -20/+120 °C

TOP 2000

DIN 51825 KP 2K -30, ISO 12924 L-XCBHB 2

- Soft Extreme Pressure grease with excellent bonding
- Suited for environments containing moisture, (sea) water, manure and plant based conservants.
- Recommended temperature use: -35/+110 °C

*E.P. (extreme pressure)

Autol Top 2000 W

KP 1 G-35 extremely

AUTOL TOP 2000 W is a soft special grease with exceptional adhesive properties and very good E.P. properties - a real Super Longtime Grease suitable for very long regreasing intervals.

Autol Top 2000 High Temp

KP 2 P-20

AUTOL TOP 2000 HIGH TEMP is a high pressure grease of the consistence class 2 with exceptionally good adhesive properties. It has an extreme mechanical and thermal stability, protects the lubrication points against corrosion and is waterresistant.

Autol Top 2000 Bio

KPE 2 K-35

AUTOL TOP 2000 BIO is a lithium soap grease of the consistence class 2, based on biodegradable synthetic base oils for the save lubrication of roller and slide bearings respectively other lubrication loss points. The combination of the good corrosion protection and the high-pressure absorption capacity with the special adhesive properties it is suitable for the application under severe condition.

Autol Top 2000 Fettspray

AUTOL TOP 2000 Fettspray is a special lubricating grease based on the effective AUTOL TOP 2000 Super-Longtime-Grease. By containing it in a spray can the grease can be exactly, economicaly and safely sprayed onto lubricating points that are hard to reach.

*E.P. (extreme pressure)

10 reasons to choose for Eni

1

Sustainability

Respectful use of resources, people and the environment. For example Eni is also using re-refined base oils to produce certain lubricants where applicable.

2

Trust

More than 60 years of experience in the lubricant business around the world.

3

Internationality

Eni lubricants are successfully sold in more than 100 countries

4

World-class workforce

Working with Eni means working with its highly motivated people committed to providing solutions to all customers every day.

5

Research & Development

More than 200 employees in research and development including the collaboration with the main research institutes in this field ensure Eni's high-technology position.

6

High quality

Our products are based on a careful selection of the best raw materials and additives in order to grant the best performing products.

7

Integrated production cycle

Eni produces finished products as well as its own base oils and additives.

8

Customer care

Our personal mission is listen, understand and fulfil our customers' needs, hence involve them in our decision making process.

9

Service

Eni is committed to excellent and efficient service and high customer orientation with the aim to create value for all partners involved.

10

Made in Italy

Italy's well renowned tradition and culture of design to improve the quality of life is a fundamental part of our thinking and products, so we are proud to export 'italianity' to all parts of the world.



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