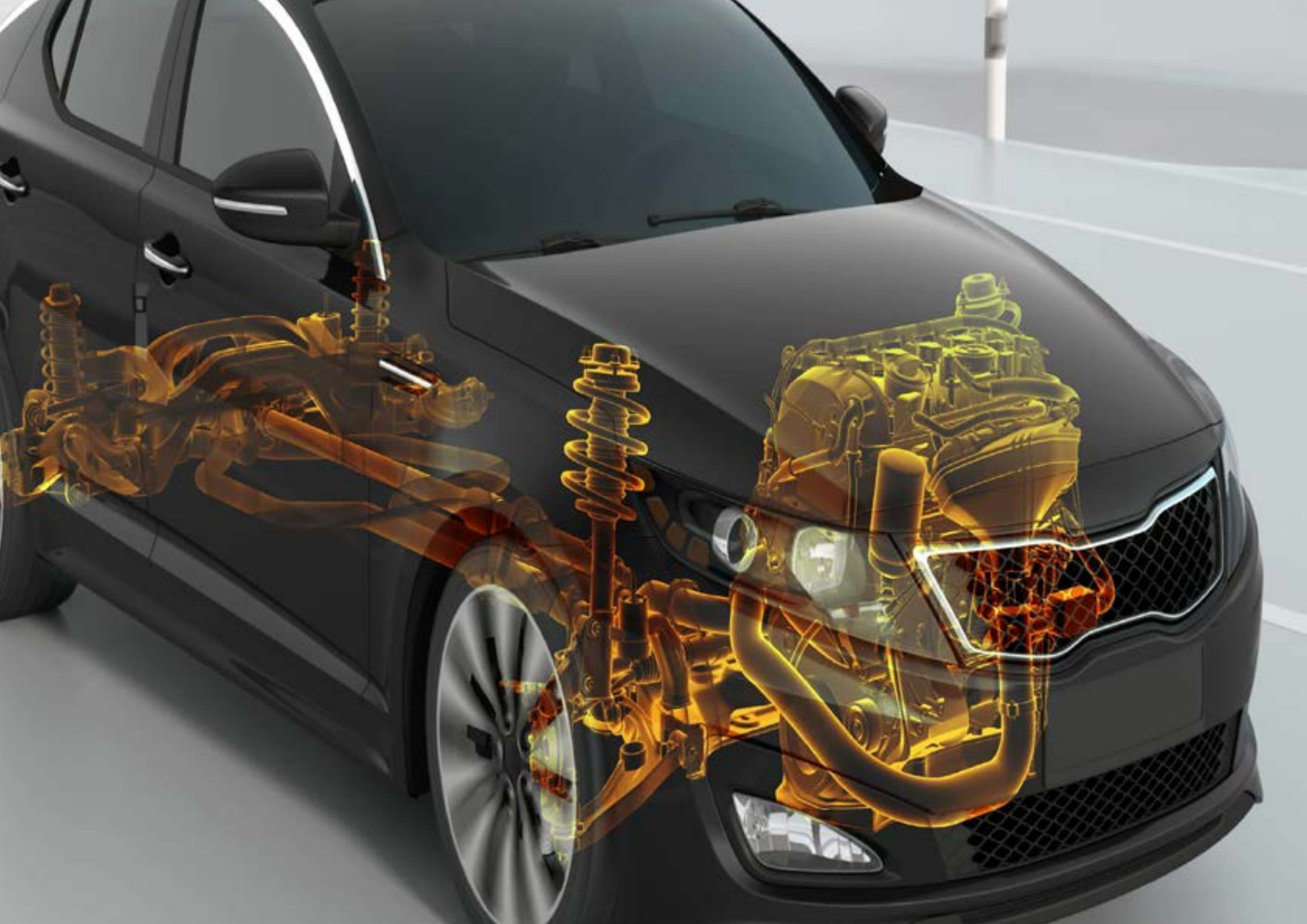




PRODUCT CATALOGUE



COLUMBIA[®]
Motor Oil Company
Since 1934



INTRODUCTION

Columbia Società Italiana Lubrificanti e Affini srl , is one of the oldest Italian companies active in the lubricating oil sector. Based in the industrial area of Genova, the company was founded in 1934, and has expanded and specialized in the preparation of specific oils for engines and gears in the automotive, industrial, agriculture and nautical sectors. The company also markets a wide range of non-oil products, such as: lubricating mineral greases for all types of use, anti-freeze liquids, brake fluids and chemical detergent products. The raw materials used are constantly subjected to accurate laboratory analyses. The production cycle and the company management system comply with the requirements of the UNI EN ISO 9001; 2015 standards.

The company operates nationally and abroad, also offering the possibility of customizing the entire range of products with specific formulations for the customer /distributor's exclusive brands. For over ninety years, this great experience, along with an agile structure, has always allowed us to respond quickly and efficiently to the changing needs of the market and to the specific requests of the customer.

01 PETROL DIESEL AND HYBRID AUTOMOTIVE LUBRICANTS



02 LUBRICANTS FOR SPECIAL CARS



03 TRUCKS AND HEAVY VEHICLES LUBRICANTS



04 MOTORCYCLES ENGINE LUBRICANTS



05 MARINE ENGINES LUBRICANTS



06 TRANSMISSIONS, DIFFERENTIALS AND GEARS LUBRICANTS



07 AGRICULTURE MACHINE LUBRICANTS



08 LUBRICANTS FOR INDUSTRY AND HYDRAULICS



09 BIODEGRADABLE INDUSTRIAL FLUID



10 ANTI-FREEZE LIQUIDS AND COOLANTS



11 GREASES AND WHITE OILS





1. PETROL DIESEL AND HYBRID AUTOMOTIVE LUBRICANTS





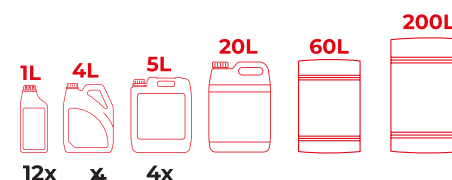
Synthetic or mineral based automotive lubricants for diesel and petrol engines. They guarantee high performance levels. The COLUMBIA range offers low-impact mixture formulas for engines with polluted emissions after-treatment systems, dual fuel (petrol/LPG or methane) and hybrids.



PETROL, DIESEL AND HYBRID AUTOMOTIVE LUBRICANTS

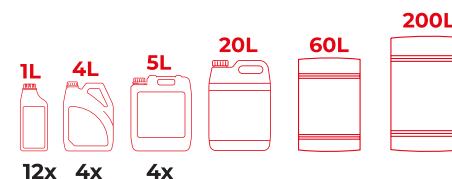
HYBRID GREEN 0W/20 SN/RC

SAE 0W/20, API SN/RC, ACEA A1/B1-12, ILSAC GF-5



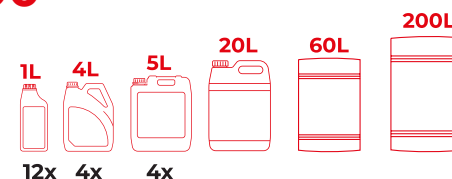
RACING SYNTH 0W/20 SN/SN PLUS

SAE 0W/20, API SN/SN PLUS, ACEA C5, ILSAC GF-5,
FORD WSS-M2C947-A, FIAT 9.55535-GSX/DSX



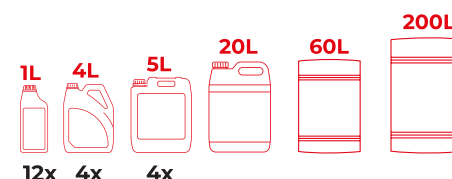
RACING SYNTH 0W/20 SN/SN-PLUS 508.00/509.00

SAE 0W/20, API SN/SN PLUS, ACEA C5, VW 508.00/509.00,
VW TL52577, PORSCHE C20



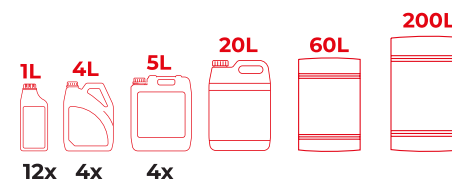
RACING SYNTH 0W/30 SN/SN-PLUS

SAE 0W/30, API SN/SN-PLUS, ACEA C2/C3, VW 504.00/507.00, MB 229.31/229.51, BMW LONGLIFE-04, PORSCHE C30, GM DEXOS 2, FORD WSS-M2C950-A, FIAT 9.55535-GS1/DS1



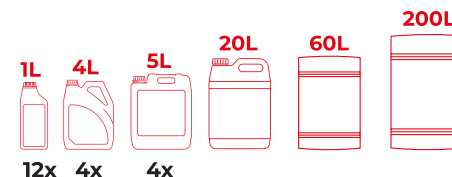
RACING SYNTH 0W/40 SN/SN-PLUS

SAE 0W/40, API SN/SN-PLUS, ACEA A3/B3-A3/B4, VW 502.00/505.00, MB 229.3, PORSCHE A40, FORD WSS-M2C937-A



RACING SYNTH 0W/50 SN

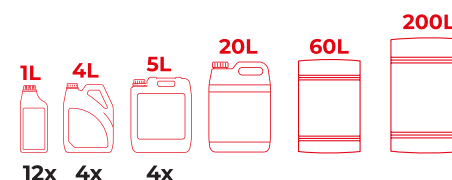
SAE 0W/50, API SN, ACEA A3/B3, VW 504.00/507.00, MB 229.31/229.51, BMW LONGLIFE-04



PETROL, DIESEL AND HYBRID AUTOMOTIVE LUBRICANTS

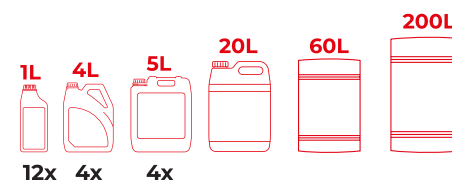
COLUMBUS SYNTH 5W/20 SP/RC

SAE 5W/20, API SP/RC, ACEA A1/B1-12/C5, ILSAC GF-6



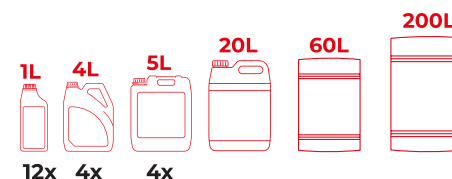
COLUMBUS SYNTH 5W/30 SP/RC

SAE 5W/30, API SP/RC, ACEA A1/B1-12/C5, ILSAC GF-6



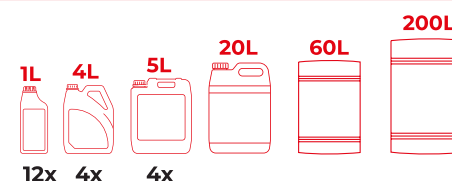
COLUMBUS SYNTH 5W/40 SP/RC

SAE 5W/40, API SP/RC, ACEA A1/B1-12/C5, ILSAC GF-6



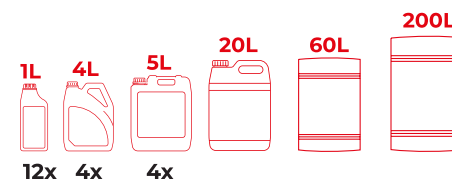
COLUMBUS SYNTH 5W/50 SP/RC

SAE 5W/50 ,API SP/RC, ACEA A1/B1-12/C5, ILSAC GF-6



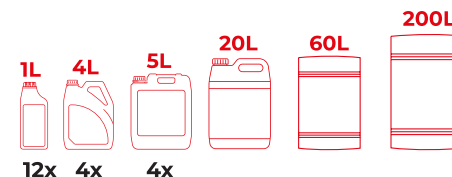
COLUMBUS SYNTH 5W/20 SN

SAE 5W/20, API SN, ACEA C5, FORD WSS -M2C948-B, STJLR.03.5004



COLUMBUS SYNTH 5W/30 SN/CF

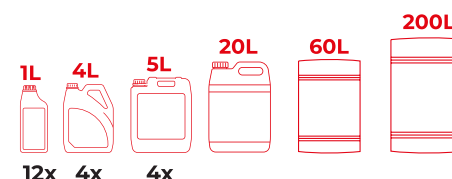
SAE 5W/30, API SN/CF, ACEA C3, BMW LL-04, FIAT FCA 9.55535-DS1/GS1/S1/S3, FORD WSS-M2C 948, GM Dexos2, MB 229.31/229.51/229.52, PSA B71 2290/2297, RENAULT RN17/RN710, VW 502.00/504.00/505.00/505.01/507.00, PORSCHE C30



PETROL, DIESEL AND HYBRID AUTOMOTIVE LUBRICANTS

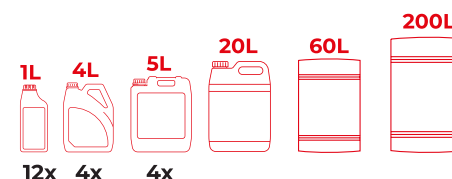
COLUMBUS SYNTH 5W/40 SN/CF

SAE 5W/40, API SN/CF, ACEA C2-C3, BMW LONGLIFE-04, FIAT FCA 9.55535-S2/GH2, FORD WSS-M2C 917, GM DEXOS 2, MB 229.31/229.51/229.52, RENAULT RN710, VW 502.00/505.00/505.01, PORSCHE C40



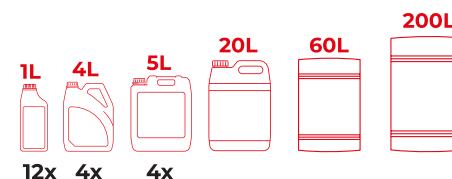
COLUMBUS SYNTH 5W/50 SN/CF

SAE 5W/50, API SN/CF, ACEA A3/B3-A3/B4, VW 505.00, BMW LL-01, MB 229.01/229.03



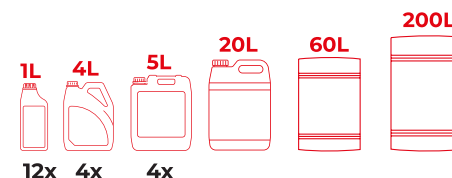
COLUMBUS SYNTH 10W/40 SN/CF

SAE 10W/40, API SN /CF , ACEA C3, MB 226.5 , RENAULT RN710, VW 502.00/505.00, PORSCHE C40



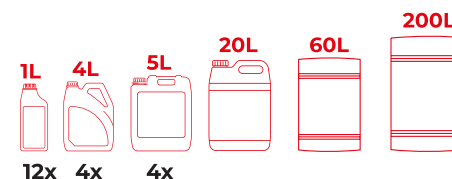
COLUMBUS SYNTH 10W/50 SN/CF

SAE 10W/50, API SN/CF, ACEA A3/B3-A3/B4, ABARTH 0101,
FIAT FCA 9.55535-GH2



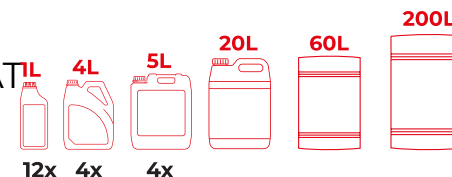
COLUMBUS SYNTH 10W/60 SN/CF

SAE 10W/60, API SN/CF, ACEA A3/B4, BMW LL-98/LL-01,
FIAT 9.55535-H3, MB 229.1, VW 501.00



COLUMBUS SYNTH 10W/40 SM/CF

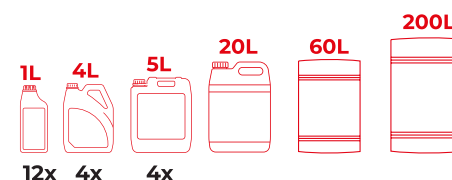
SAE 10W/40, API SM/CF, ACEA A3/B3-A3/B4, BMW LL-98/LL-01, FIAT
FCA 9.55535-D2/G2, MB 226.5/ 229.1/229.3, PSA B71 2294/ B71 2295/
B71 2300, RENAULT RN700/ RN710,
VW 501.00/501.01/ 502.00/ 505.00, PORSCHE A40



PETROL, DIESEL AND HYBRID AUTOMOTIVE LUBRICANTS

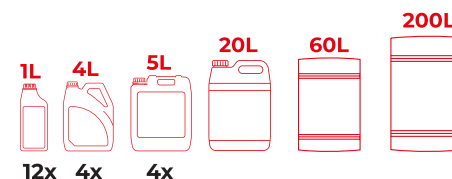
COLUMBUS 15W/40 SJ/CF

SAE 15W/40, API SJ/CF, ACEA A3/B3/E4/E6, MB 228.3/ 229.1, VW 501.01/ 505.00, VOLVO VDS-3, M3277,DQC III-10



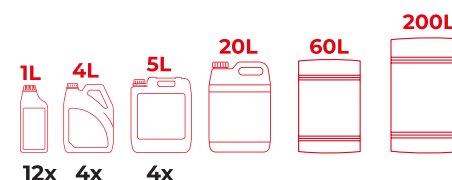
COLUMBUS 20W/50 SJ/CF

SAE 20W/50, API SJ/CF, ACEA A3/B3/E3/E6, MB 228.3/ 229.1, VW 606.00/ 606.01, VOLVO VDS-3



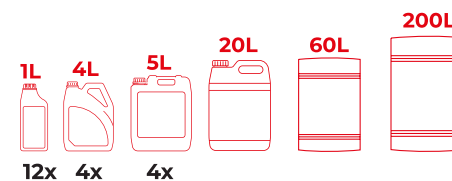
RECORD PREMIUM SAE 10W SF/CD

SAE 10W, API SF/CD, ACEA A1/B1, MB 226.01



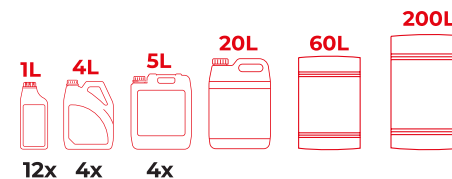
RECORD PREMIUM SAE 20 SF/CD

SAE 20, API SF/CD, ACEA A1/B1, MB 226.01



RECORD PREMIUM SAE 30 SF/CD

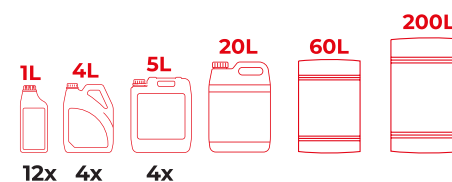
SAE 30, API SF/CD, ACEA A1/B1, MB 226.01



PETROL, DIESEL AND HYBRID AUTOMOTIVE LUBRICANTS

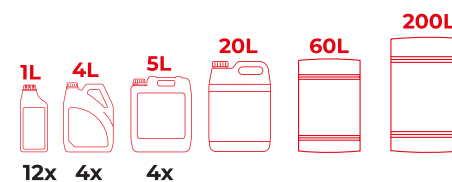
RECORD PREMIUM SAE 40 SF/CD

SAE 40, API SF/CD, ACEA A1/B1, MB 226.01



RECORD PREMIUM SAE 50 SF/CD

SAE 50, API SF/CD, ACEA A1/B1, MB 226.01





2.LUBRICANTS FOR SPECIAL CARS (VINTAGE)



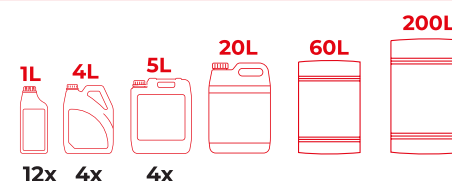
A red classic convertible car is driving away from the viewer on a winding asphalt road. The road is flanked by lush green grass and dense trees. The scene is captured from a rear perspective, showing the car's taillights, bumper, and the two people inside. The overall atmosphere is serene and nostalgic, with warm lighting suggesting a late afternoon or early morning setting.

The car series lubricants are developed with specific, high-quality bases and additives in compliance with the engines of the past.

LUBRICANTS FOR SPECIAL CARS

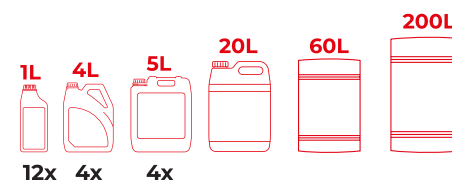
COLUMBUS CLASSIC 15W/40 SL/CF

SAE 15W/40, API SL/CF



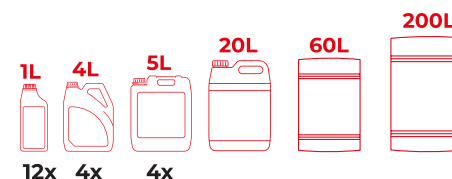
COLUMBUS CLASSIC 15W/50 SL/CF

SAE 15W/ 50, API SL/CF



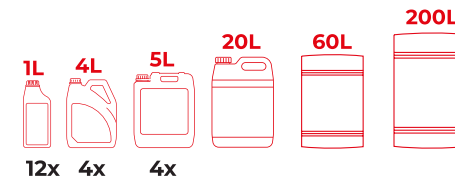
COLUMBUS CLASSIC 20W/50 SF/CC

SAE 20W/ 50 API SF/CC



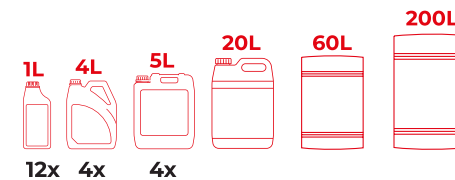
RECORD SAE 30 CLASSIC

SAE 30, API SC/CC



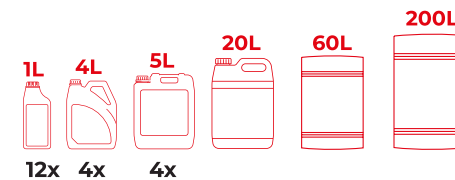
RECORD SAE 50 CLASSIC

SAE 50, API SC/CC



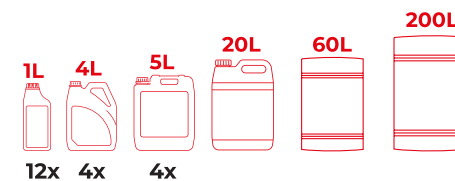
GEAR OIL CLASSIC 80W/90 GL5

SAE 80W/ 90, API GL5



GEAR OIL 90 CLASSIC GL5

SAE 90, API GL5



3. TRUCKS AND HEAVY VEHICLES LUBRICANTS



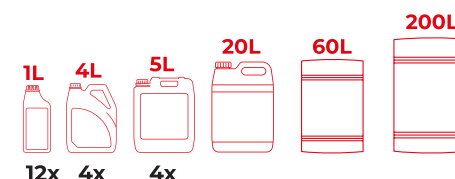
A blue truck is shown from the front-left, driving on a two-lane asphalt road. The road has white dashed lines and curves to the right. The background features a green grassy field and a sky with soft, orange and yellow clouds, suggesting a sunset or sunrise. A semi-transparent red rectangular box is overlaid on the middle of the image, containing white text.

Oil for diesel engines of heavy vehicles with high specific power, including turbodiesels, operating in the most severe conditions and with long drain intervals, with SHPDO and UHPDO products. Columbia is attentive to the containment of harmful emissions and fuel consumption, with products dedicated to LOW SAPS.

TRUCKS AND HEAVY VEHICLES LUBRICANTS

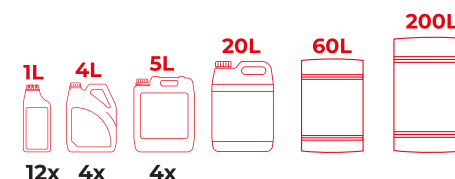
TRUCK T.D. 5W/30 CJ/CI

SAE 5W/30, API CJ-4/CI-4, ACEA E6/E7/E9, MB 228.51/ 228.31, MAN M3775/M3575, MTU TYPE 3.1/ TYPE 2.1, MACK EO-S 4.5, DEUTZ DQC IV-10LA, RENAULT RLD-3, VOLVO VDS-4.5, CATERPILLAR ECF-3, CUMMINS CES 20086, DETROIT DIESEL DFS 93K222



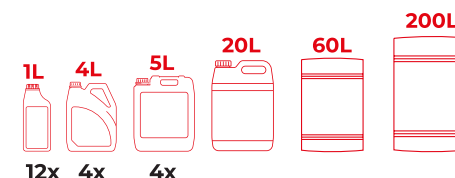
TRUCK PLUS 10W/40 CI-4

SAE 10W/40, API CI-4, ACEA E6/E7/E9, MB 228.51, MAN M3271-1, MTU TYPE 3.1, MACK EO-N/EO-M PLUS, DEUTZ DOC IV-10LA, RENAULT VI RLD-2, RENAULT TRUCKS RXD/RGD, VOLVO VDS-3/ CNG, CATERPILLAR ECF-1-A, CUMMINS CES 20076/'77, SCANIA LOW ASH



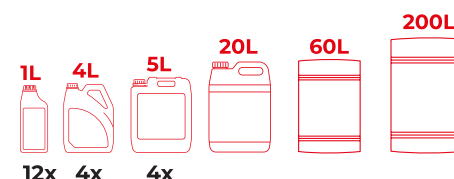
TRUCK PLUS 15W/40 CI-4

SAE 15W/40, API SHPDO CI-4, ACEA E6/E7/E9, MB-APPROVAL 228.3, MAN M3275, VOLVO VDS 3, RENAULT TRUCKS RLD/RLD-2, MTU TYPE 2, MACK EO-N/EO-M PLUS, DEUTZ DQCIII-10, CUMMINS CES 20076/'77/'78, ECF -2/ ECF-1-A, GLOBAL DHD-1, DETROIT DIESEL DDDC 93K215



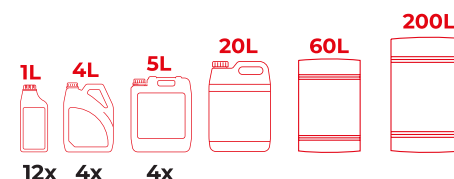
TRUCK PLUS 15W/50 CI-4

SAE 15W/50, API SHPDO CI-4, ACEA E7, MB-APPROVAL 228.3, MAN M3275, VOLVO VDS 3, RENAULT TRUCKS RLD/RLD-2, MTU TYPE 2, MACK EO-N/EO-M PLUS, DEUTZ DQCIII-10, CUMMINS CES 20076/77/78, ECF -2/ ECF-1-A, GLOBAL DHD-1, DETROIT DIESEL DDDC 93K215



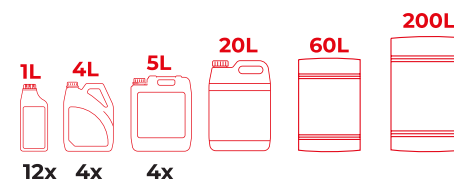
TRUCK PLUS 10W/30 CK-4

SAE 10W/30, API SHPDO CK-4/SN, ACEA E7/E9, MB228.31, MAN M3775, VOLVO VDS 4.5, RENAULT RLD-3, MTU TYPE 2.1, MACK EOS 4.5, CATERPILLAR ECF-3, DEUTZ DQC III-10LA, CUMMINS CES 20086, DETROIT DIESEL DFS 93K222.



TRUCK PLUS 15W/40 CK-4

SAE 15W/40, API SHPDO CK-4/SN, ACEA E7/E9, MB228.31, MAN M3775, VOLVO VDS 4.5, RENAULT RLD-3, MTU TYPE 2.1, MACK EOS 4.5, CATERPILLAR ECF-3, DEUTZ DQC III-10LA, CUMMINS CES 20086, DETROIT DIESEL DFS 93K222.



4.MOTORCYCLES ENGINE LUBRICANTS





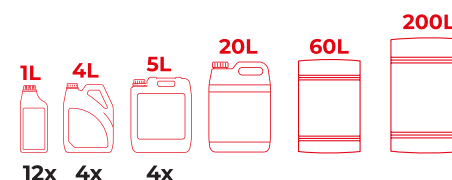
Synthetic or mineral-based lubricants for 4T and 2T stroke engines, guarantee maximum protection from wear, oxidation and corrosion, great durability and engine efficiency. COLUMBIA products comply with the most modern API, JASO specifications, as well as those of the major European and Japanese manufacturers.



MOTOCYCLES ENGINE UBRICANTS

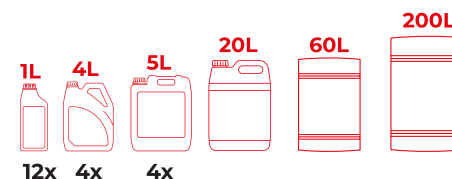
4T MOTO 5W/40 SM

SAE 5W/40, API SM, JASO MA



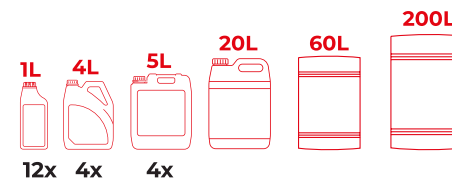
4T MOTO 5W/50 SM

SAE 5W/50, API SM, JASO MA



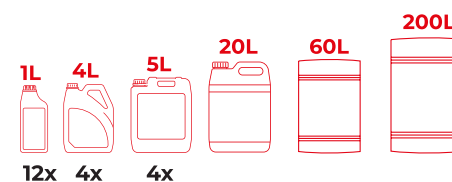
4T MOTO 10W/40 SM

SAE 10W/40, API SM, JASO MA



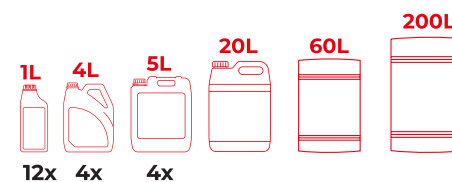
4T MOTO 20W/50 SM

SAE 20W/50, API SM , JASO MA



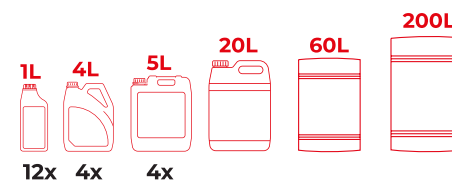
2T SYNTH

API TC, JASO FD



2T MIXOIL

API TC





5.MARINE ENGINES LUBRICANTS



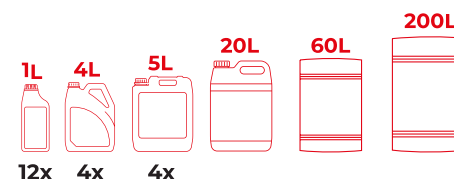


COLUMBIA dedicates this line to nautical industry, developing products for 2T and 4T outboards, marinas, and yachts. Our oils resist strain, corrosion and moisture containing antioxidants pertinent for engine lifespan extension.



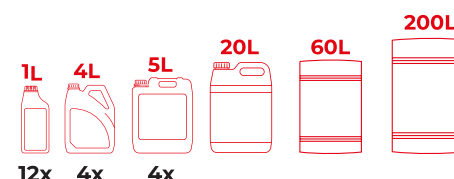
2T MAR ECOMIX OUTBOARD

API TC W3, JASO FC 2T MAR ECOMIX OUTBOARD is recommended for use in two-stroke engines of the following manufacturers: YAMAHA, SUZUKI, NISSAN, JOHNSON, MERCURY, MERCUISER, MARINER, OMC, TOHATSU, EVINRUDE, FORCE and where oil exceeding JASO FC specification is required. It is recommended to check the manufacturer's specifications.



2T SYNTH MARINE OUTBOARD

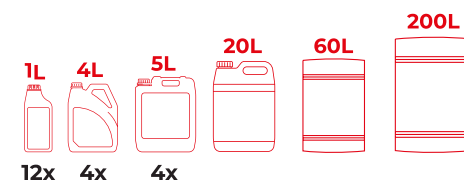
API TC W3, JASO FC 2T SYNTH MARINE OUTBOARD is recommended for use in two-stroke engines of the following manufacturers: YAMAHA, SUZUKI, NISSAN, JOHNSON, MERCURY, MERCUISER, MARINER, OMC, TOHATSU, EVINRUDE, FORCE and where oil exceeding JASO FC specification is required. It is recommended to check the manufacturer's specifications.



4T COLUMBUS MARINE OUTBOARD 10W/40 SJ/SG

SAE 10W/40, API SJ/SG, NMMA FC- W, FB -23656K

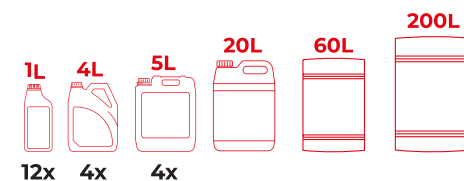
4T COLUMBUS MARINE OUTBOARD 10W40 SJ/SG is recommended for use in four-stroke engines of the following manufacturers: YAMAHA, SUZUKI, HONDA, VOLVO PENTA, MERCURY, BOMBARDIER, MARINER, SELVA, TOHATSU and where oil exceeding NMMA FC-W specification is required. It is recommended to check the manufacturer's specifications.



4T COLUMBUS MARINE OUTBOARD 15W/40 SJ/SG

SAE 15W/40, API SJ/SG, NMMA FC- W, FB -23656K

4T COLUMBUS MARINE OUTBOARD 15W40 SJ/SG is recommended for use in four-stroke engines of the following manufacturers: YAMAHA, SUZUKI, MERCURY, EVINRUDE, TOHATSU, JOHNSON and where oil exceeding NMMA FC-W specification is required. It is recommended to check the specifications given by the manufacturer.

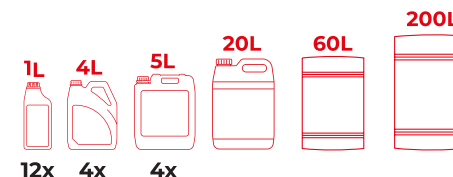


4T COLUMBUS MARINE OUTBOARD 20W/50 SJ/SG

SAE 20W/50, API SJ/SG, NMMA FC- W, FB -23656K.

4T COLUMBUS MARINE OUTBOARD 20W50 SJ/SG is recommended for use in four-stroke engines of the following manufacturers:

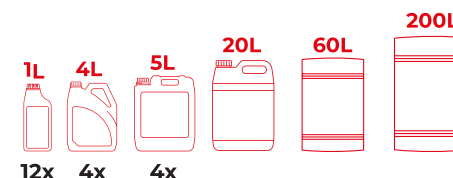
KOHLER, MERCRUISER, VOLVO PENTA AB, YANMAR, STEYR and where oil exceeding NMMA FC-W specification is required. It is recommended to check the specifications given by the manufacturer.



GEAR PIEDELICA OIL 80W/90 GL5

SAE 80W/90, API GL5

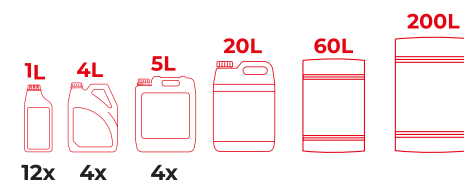
Suitable for lubricating gears and transmissions of stern drives, outboard and inboard engines.



4T COLUMBUS MARINE INBOARD 10W/40 CI-4

SAE 10W/40, API CI-4, ACEA E4/E7, A3/B4, MB 228.5/228.3, VOLVO VDS-2/VDS-3, RENAULT RXD LEVEL, DEUTZ DQC III -18, MAN M 3275, MTU TYPE 3.

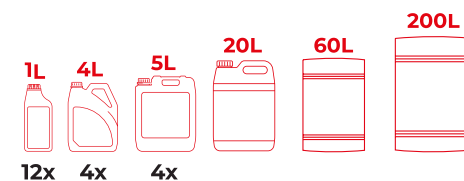
4T COLUMBUS MARINE INBOARD 10W40 CI-4 is recommended for use in four-stroke engines of the relevant manufacturers: YAMAHA, SUZUKI, VOLVO PENTA, MERCURY, MARINER, SELVA, TOHATSU. It is recommended to check the manufacturer's specifications.



4T COLUMBUS MARINE INBOARD 15W/40 CI-4

SAE 15W/40, API CI-4, ACEA E7, MB 228.3, VOLVO VDS-3, MAN M3275, MTU TYPE 2, MACK EO-N/EO-M Plus, RENAULT TRUCKS RLD/RLD-2, CUMMINS CES 20076/77/78, CATERPILLAR ECF-2/ ECF-1-a, DEUTZ DQC III-18, DETROIT DIESEL DDC 93K215.

4T COLUMBUS MARINE INBOARD 15W40 CI-4 is recommended for use in inboard four-stroke diesel and petrol engines in the marine industry. It is recommended to check the specifications given by the manufacturer.



6.TRANSMISSIONS, DIFFERENTIALS AND GEARS LUBRICANTS



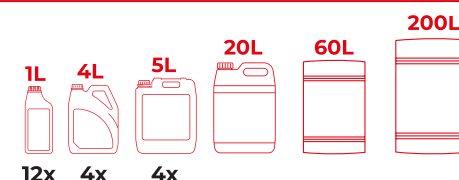
A close-up photograph of a mechanical gear assembly. The image shows a central shaft with a gear, surrounded by other gears and components. A semi-transparent red rectangular box is overlaid on the center of the image, containing white text. The background is blurred, showing more of the mechanical parts.

The GEAR OIL product line includes oils for transmissions of commercial vehicles and cars with GL4/GL5, LS (Limited Slip) additives. COLUMBIA offers ATF formulations recommended for transmissions, differentials, power steering systems, torque converters and hydraulic systems. Designed to guarantee maximum protection against wear, rust, damage, corrosion and oxidation.

TRANSMISSIONS, DIFFERENTIALS AND GEARS LUBRICANTS

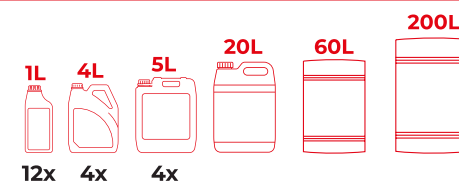
GEAR OIL SYNTH 75W/80 GL5

SAE 75W/80, API GL5, MIL-L 2105, IVECO, MAN 341, MB 235.1, BMW, RENAULT TRUCKS, VOITH RETARDER TYPE C, ZF TE-ML 02/08



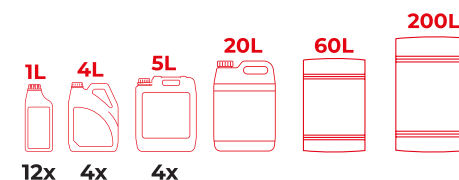
GEAR OIL SYNTH 75W/85 GL5

SAE 75W/85, API GL5, MIL-L 2105, GENERAL MOTORS, HYUNDAI, MB 235.7/235.4, MITSUBISHI 3717610, SAAB, OPEL, NISSAN, TOYOTA



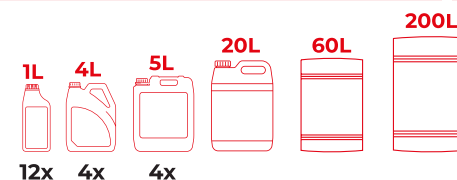
GEAR OIL SYNTH 75W/90 GL5

SAE 75W/90, API GL5, MACH GO-H/S, MAN 342, MB 235.5/235.6, FORD SQM-9008 A, SAE J 306, ZF TE-ML 05D/12D/16D



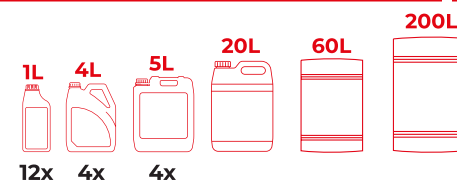
GEAR OIL 80W/90 GL5

SAE 80W/90, API GL5, MAN 342 N, MB 235.0, MIL-L 2105D,
ZF TE-ML 05D/07D/12A/16B/16C/17B



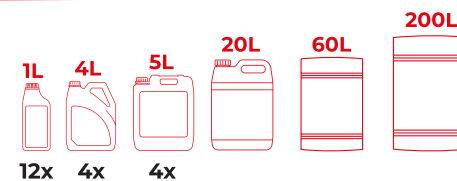
GEAR OIL 85W/140 GL5

SAE 85W/140, API GL5, MAN 342 N, MB 235.0, MIL-L 2105D,
ZF TE-ML 05D/07D/12A/16B/16C/17B.



GEAR OIL HY 90 LS GL5

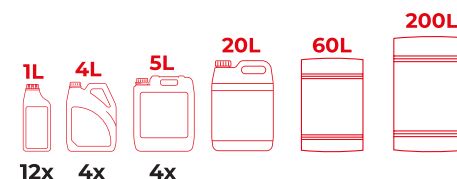
SAE 90, API GL5, MIL-L2105 C/D, ZF TE-ML 05, FORD M2C104-A,
JHON DEERE JDM J 11 F, LIEBHERR, NH520 B



TRANSMISSIONS, DIFFERENTIALS AND GEARS LUBRICANTS

GEAR OIL 90 GL5

SAE 90, API GL5



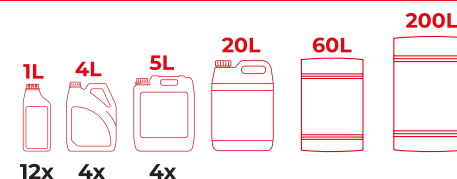
GEAR OIL 140 GL5

SAE 140, API GL5



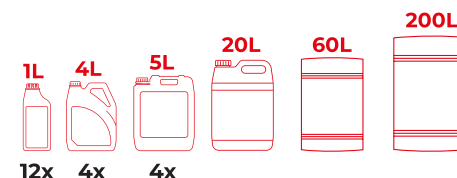
GEAR OIL 250 GL5

SAE 250, API GL5



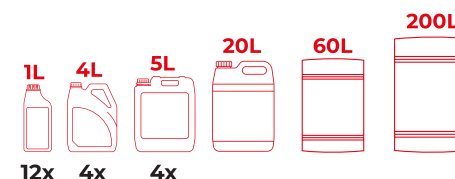
ATF DX II

GM DEXRON II D, ALLISON C4, CATERPILLAR TO-2, MB 236.5/236.7, MAN 339 V1/Z1, FORD MERCON, FORD M2C 138CJ, VOITH G.607, ZF-TE -ML 03D/04D/11A/14A/17C.



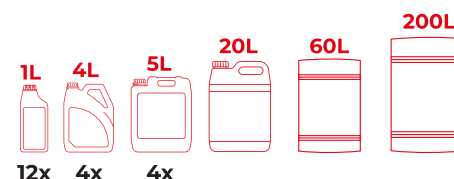
ATF DX III

GM DEXRON III-E/F/G/H, ALLISON C4/Allison TES 389, BMW LT 71141/LA 2634/ETL 7045E/BMW 8072B, CAT-TO2, DTFR 13C100/13C140/13C170/13C110 (MB 236.1/236.7/236.9/236.11), MB 236.3/236.5/236.6/236.10, FIAT 9.55550 AG1/AG2, FIAT 9.55550 AV1/AV2/AV4, FORD MERCON/Ford M2C138-CJ/Ford M2C 166-H, HONDA ATF Z1, KIA SP III, MAN 339-Z1/V1/Z2/V2, MAZDA ATF M-III/M5, NISSAN AT-MATIC D/J/K Fluid, SUBARU ATF / ATF HP, TOYOTA TYPE T-III/T-IV, VOITH 55.6355(G607)/55.6336, VOLVO 97340, VOLVO Std. 1273.4, VW/AUDI G 052-025/G 052-990, ZF TE-ML 02F/03D/04D/09/11A/14A/14B/17C, ZF LIFEGUARD 5



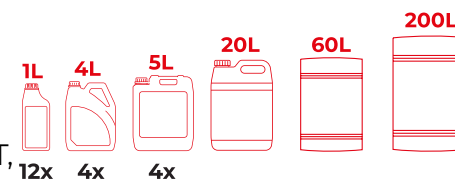
ATF DX VI

GM DEXRON VI, FORD MERCON LV, JASO 1A-LV, ALLISON TES 228 C-3/C-4, MB 236.12/MB 236.14/MB 236.41, HONDA/ACURA DW-1, HYUNDAI/KIA SP IV-SPH-IV/NWS-9638-T5/040000C90SG, JAGUAR FLUID 8432, LAND ROVER TYK 500050/LR0022460, MASERATI 231603, MAZDA FZ/FW 6A EL/6AX EL, MITSUBISHI DIAQUEEN SP IV/DIAQUEEN J3, NISSAN/INFINITY MATIC-S, PORSCHE # 000 043 304 000, SAAB 93 165 147-AW-1, TOYOTA /LEXUS ATF WS, VW/AUDI G 052 533/G 055-005-A/G 055-005-A2/G 055 540 (A2), ZF-LIFEGUARD 6



ATF CVT

BMW MINI COOPER EZL 799A/ 83 22 0 136 376, CHERY CVT, DODGE/JEEP/CHRYSLER NS-2, DODGE/CHRYSLER/JEEP/MOPAR CVT+4, GM/SATURN DEX-CVT, HYUNDAI/KIA CVT-1, HYUNDAI/KIA SP III (CVT MODEL - NISSAN KTF-1 - NISSAN NS-1, NS-2, NS-3 - TOYOTA CVTF TC - AUDI MULTITRONIC, DAIHATSU AMMIX CVTF DFE/ CVT FLUID DC/ TC, HONDA HMMF WITHOUT START, CLUTCH/ HCF2, MAZDA JWS 3320, MG ROVER EM-CVT, MINI COOPER EZL 799/EZL 799A/ZF, CVT V1, MITSUBISHI CVTF-J1/J4/J4+/SP-III ONLY CVT, RENAULT ELF MATIC CVT/CVT CK-SKFK, SUBARU ICVT/ICVT FG/ ECVT/NS-2, SUZUKI CVTF 3320/CVTF 4401/TC/NS-2/CVT, GREEN 1 & 2, TOYOTA CVTF FE, VW/AUDI TL 521 16 (G052 516) /TL 521 80 (G 052 180 A2)





7.AGRICULTURE MACHINE LUBRICANTS



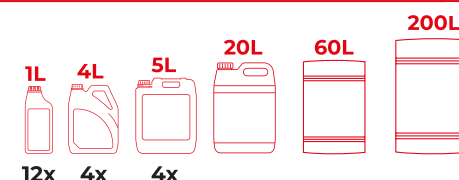


Multigrade and unigrade lubricants for agricultural machines, suitable for modern tractors equipped with turbochargers, tracked or ranged tractors, earthmoving machines, construction and quarry machinery, heavy vehicles operating in severe service, both continuous and intermittent and at high operating temperatures. Multiple gradation allows for engagement in all seasons. COLUMBIA products guarantee high detergent-dispersant power, high protection against wear and corrosion, resistance to oxidation and rust, prevention against the formation of sludge and anti-foam properties for better lubrication.



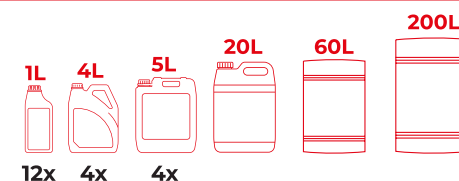
MULTIFARM S.T.O.U. 10W/30

SAE 10W/30, API SF/CG-4, API GL4, ZF TE ML 06A/B/ 07B, FORD M2C 159B/C -134D, JD J27/J20C, MF M1135, M1143, M1145, M1144, M1139.



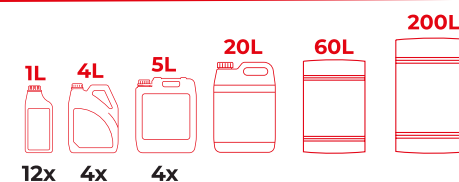
MULTIFARM S.T.O.U. 15W/40

SAE 15W/40, API SF/CG-4, API GL4, ZF TE ML 06A/B/ 07B, FORD M2C 159B/C -134D, JD J27/J20C, MF M1135, M1143, M1145, M1144, M1139.



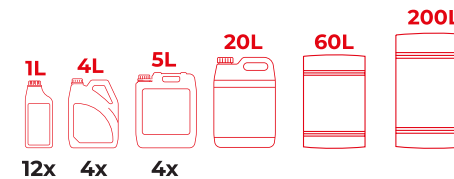
MULTIFARM S.T.O.U. 20W/30

SAE 20W/30, API , SF/CG-4 ,API GL4, ZF TE ML 06A/B/ 07B, FORD M2C 159B/C -134D, JD J27/J20C, MF M1135, M1143, M1145, M1144, M1139.



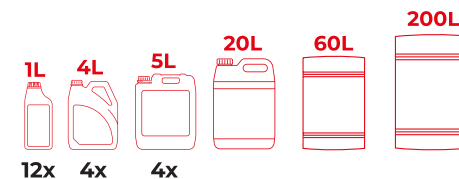
MULTIFARM UTTO 10W/30

SAE 10W/30, API GL4, ZF TE ML 03E/ 05E, FORD M2C 134D, JD J20C, MF M1135, MF M1143, M1145, VOLVO WB101, CASE NH MAT 3525/3526.



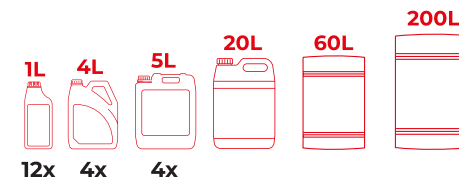
COLUMBUS SPECIAL CHAINSAW

COLUMBUS SPECIAL CHAINSAW meets the requirements of the most important chainsaw manufacturers, both petrol and electric.



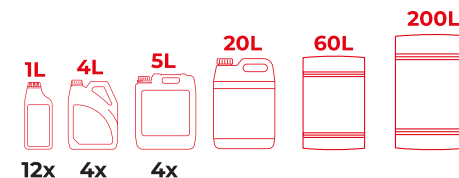
RECORD AGRI SAE 10W SF/CD

SAE 10W, API SF/CD, ACEA A1/B1, MB 226.01



RECORD AGRI SAE 30 SF/CD

SAE 30, API SF/CD, ACEA A1/B1, MB 226.01





8.LUBRICANTS FOR INDUSTRY AND HYDRAULICS





COLUMBIA offers a wide range of high quality industrial lubricants, suitable for the most specific uses. The line of hydraulic oils is made with first choice bases, with ISO Vg grades from 10 to 680, suitable for hydraulic systems, hydraulic controls or high antioxidant and anti-rust power.



LUBRICANTS FOR INDUSTRY AND HYDRAULICS

HYDRAULIC S 10

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II, ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



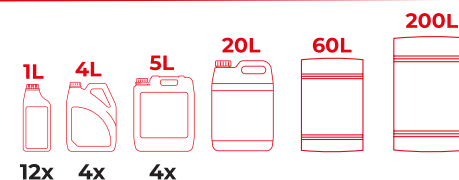
HYDRAULIC S 15

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II, ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



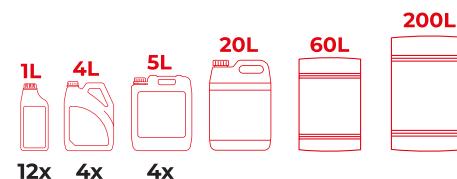
HYDRAULIC S 22

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II, ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



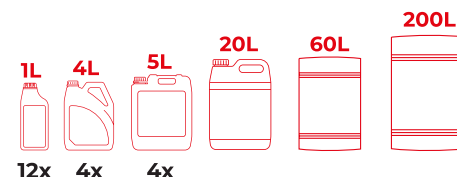
HYDRAULIC S 32

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



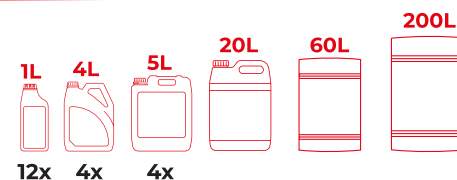
HYDRAULIC S 46

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



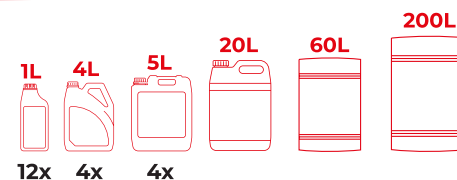
HYDRAULIC S 68

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



HYDRAULIC S 100

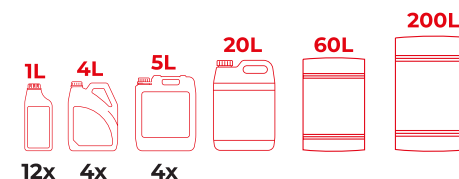
DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



LUBRICANTS FOR INDUSTRY AND HYDRAULICS

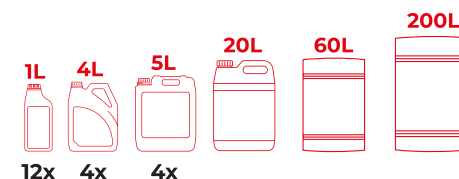
HYDRAULIC S 150

DENISON HF-0, HF-1, HF-2 APPROVAL, DIN 51524 PART II, ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



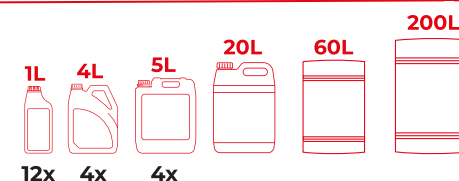
HYDRAULIC SPECIAL 10

DENISON HF-0, HF-1, HF-2 APPROVAL, DIN 51524 PART II, ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



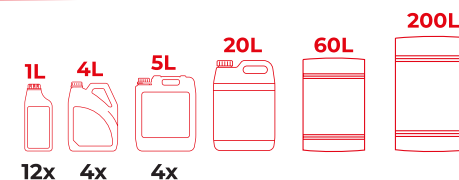
HYDRAULIC SPECIAL 15

DENISON HF-0, HF-1, HF-2 APPROVAL, DIN 51524 PART II, ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



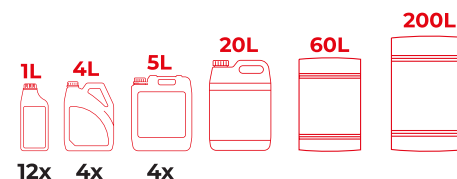
HYDRAULIC SPECIAL 22

DENISON HF-0, HF-1, HF-2 APPROVAL, DIN 51524 PART II, ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



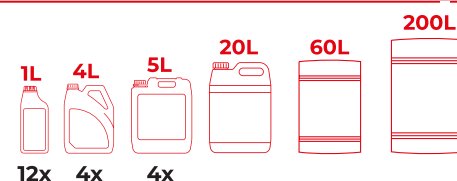
HYDRAULIC SPECIAL 32

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



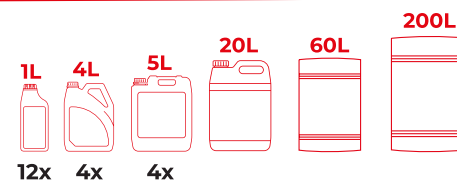
HYDRAULIC SPECIAL 46

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



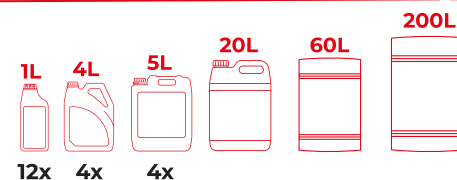
HYDRAULIC SPECIAL 68

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



HYDRAULIC SPECIAL 100

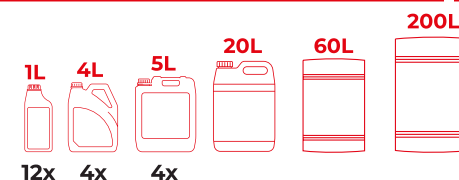
DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



LUBRICANTS FOR INDUSTRY AND HYDRAULICS

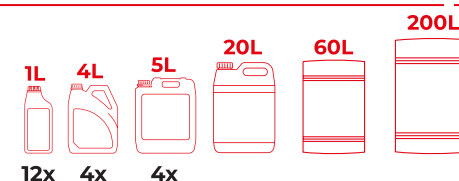
HYDRAULIC SPECIAL 150

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



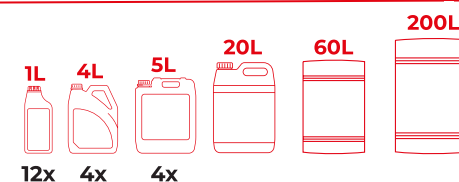
HYDRAULIC VICTORY HV 32

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



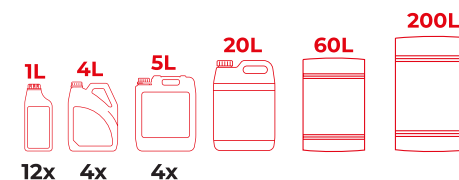
HYDRAULIC VICTORY HV 46

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



HYDRAULIC VICTORY HV 68

DENISON HF-0, HF-1 , HF-2 APPROVAL, DIN 51524 PART II,
ISO 11158 HM, SAE MS 1004 HM, ASTM D6158 HM



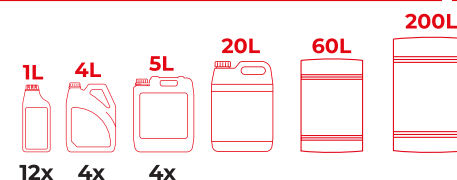
V.V GEAR E.P. 68

DIN 51517 PART 3 (CLP), USS 224, AGMA 9005-D94, ASLE EP



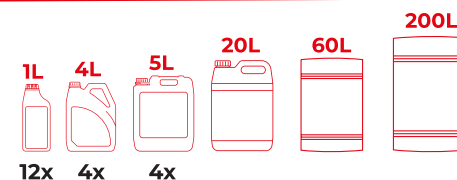
V.V GEAR E.P. 100

DIN 51517 PART 3 (CLP), USS 224, AGMA 9005-D94, ASLE EP



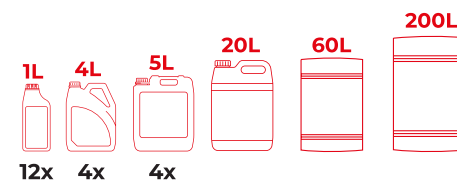
V.V GEAR E.P. 150

DIN 51517 Part 3 (CLP), USS 224, AGMA 9005-D94, ASLE EP



V.V GEAR E.P. 220

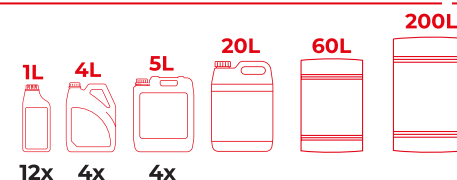
DIN 51517 Part 3 (CLP), USS 224, AGMA 9005-D94, ASLE EP



LUBRICANTS FOR INDUSTRY AND HYDRAULICS

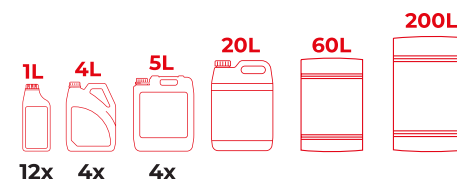
V.V GEAR E.P. 320

DIN 51517 Part 3 (CLP), USS 224, AGMA 9005-D94, ASLE EP



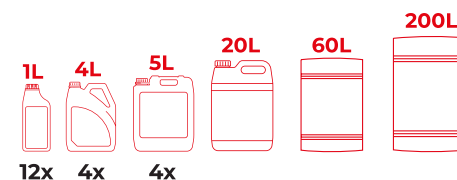
V.V GEAR E.P. 460

DIN 51517 PART 3 (CLP), USS 224, AGMA 9005-D94, ASLE EP



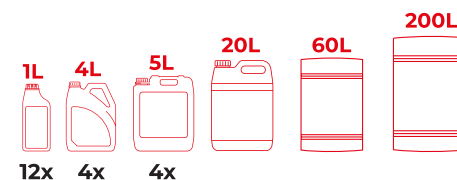
V.V GEAR E.P. 680

DIN 51517 Part 3 (CLP), USS 224, AGMA 9005-D94, ASLE EP



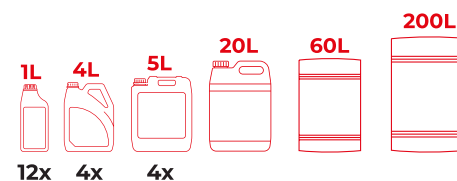
R.V. 68

DIN 51517 Part 3 (CLP), USS 224, AGMA 9005-D94, ASLE EP



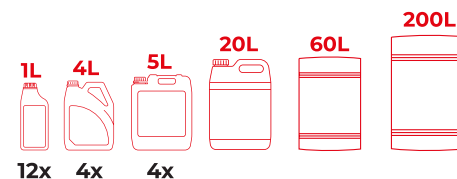
R.V. 100

DIN 51517 Part 3 (CLP), USS 224, AGMA 9005-D94, ASLE EP



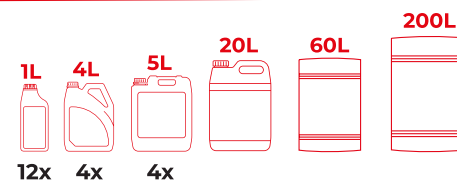
R.V. 150

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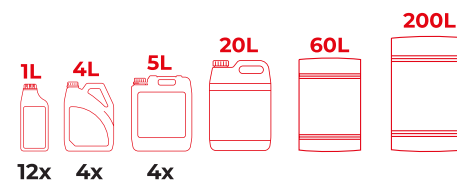
R.V. 220

DIN 51517 Part 3 (CLP), USS 224, AGMA 9005-D94, ASLE EP



R.V. 320

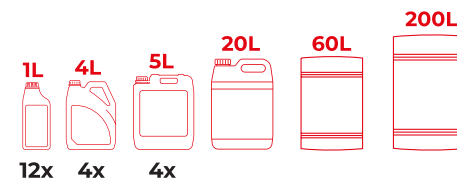
DIN 51517 Part 3 (CLP), USS 224, AGMA 9005-D94, ASLE EP



LUBRICANTS FOR INDUSTRY AND HYDRAULICS

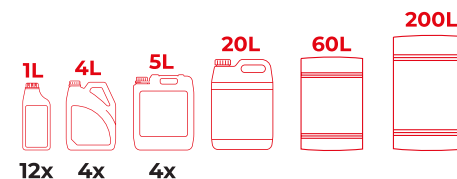
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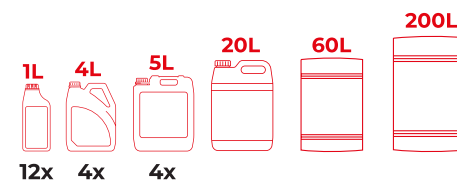
R.V. 680

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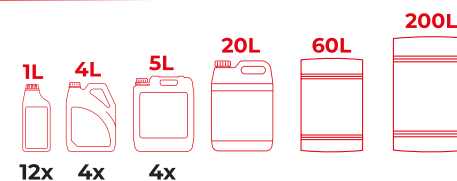
S/G 32

SO-L-HG-32, DIN 51502 CGLP



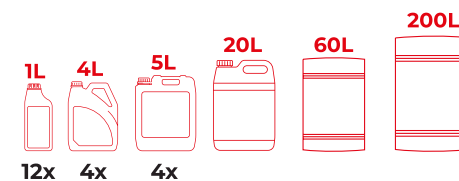
S/G 68

SO-L-HG-68, DIN 51502 CGLP



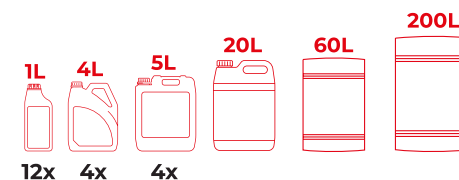
S/G 220

SO-L-HG-220, DIN 51502 CGLP



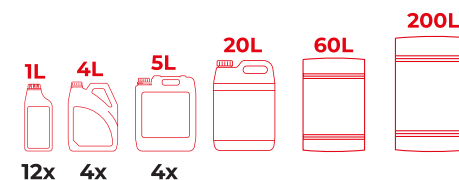
OCEAN COMPRESSORI 46

DIN 51506- VDL, ISO6743/3-DGA



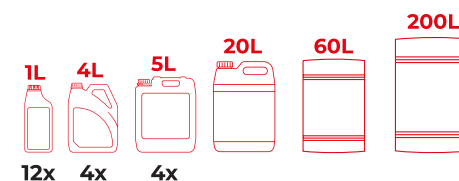
OCEAN COMPRESSORI 68

DIN 51506- VDL, ISO6743/3-DGA



OCEAN COMPRESSORI 100

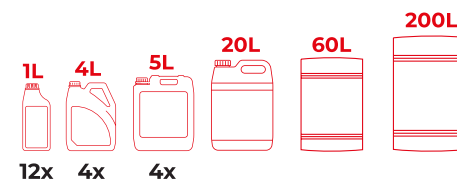
DIN 51506- VDL, ISO6743/3-DGA



LUBRICANTS FOR INDUSTRY AND HYDRAULICS

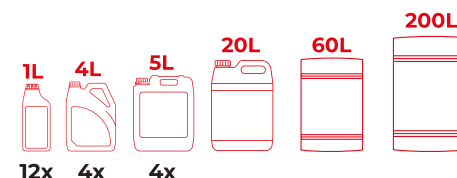
OCEAN COMPRESSORI 150

DIN 51506- VDL, ISO6743/3-DGA



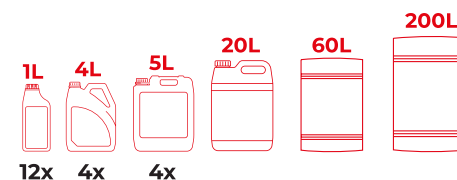
OCEAN COMPRESSORI 220

DIN 51506- VDL, ISO6743/3-DGA



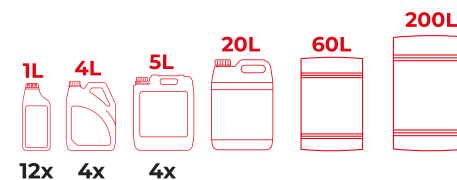
COLUMBUS THERM 32

ISO 6743-12: L-QB



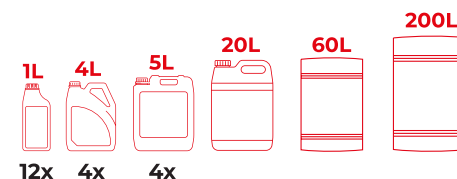
COLUMBUS THERM 46

ISO 6743-12: L-QB



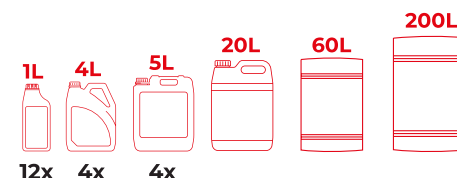
PNEUMA 22

ISO 22



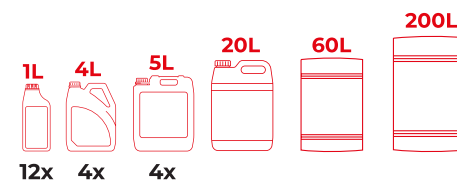
PNEUMA 32

ISO 32



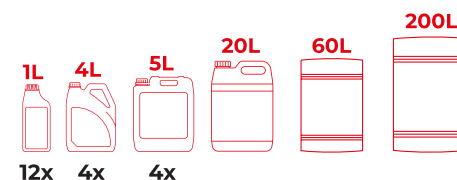
PROTECTION PR8

Protective fluid containing solvents of a petroleum nature, with dewatering' action, suitably fluidised for use; when the solvent has evaporated it leaves a thin oily film, with excellent anti-rust power. Particularly suitable for the temporary protection of semi-finished products stored indoors; it is also recommended for the protection of finished parts, bearings and various instruments when they are wrapped and packaged for shipment.



EMULSIONABILE EXTRA

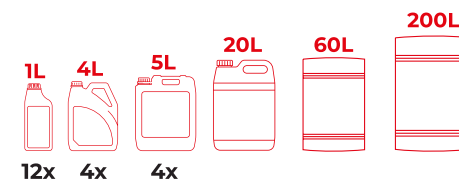
Excellent quality emulsifiable oil, suitable for general use. It provides emulsions with a high degree of stability over time, excellent resistance to putrescence and the ability to remain in use for a long period of time without decomposing, thanks to the presence of effective antibacterial additives. Boron- and chlorine-free.



LUBRICANTS FOR INDUSTRY AND HYDRAULICS

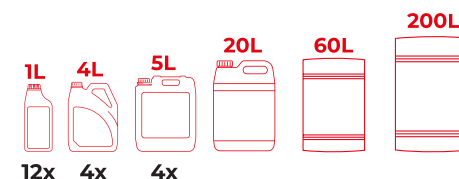
EMULSIONABILE TRASPARENTE

It is an emulsifiable oil of excellent quality, suitable for general use. It provides emulsions with a high degree of stability over time, excellent resistance to putrescence, and the ability to remain in use for a long period of time without decomposing. Thanks to the presence of effective antibacterial additives the transparency allows constant vision of the workpiece.



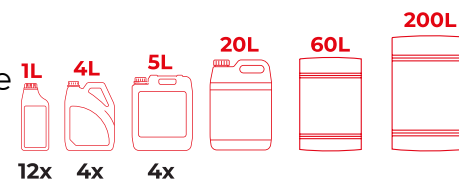
TRASFORMATORI

Pure mineral oil made from special bases, free of PCB and PCT, specially refined to achieve high stability characteristics, electrical rigidity, low freezing point, complies with CEI - IEC standards and DIN 51502 J. Suitable for lubricating electrical transformers, circuit breakers and other electrical equipment.



DISARM

An environmentally friendly, low viscosity, soluble, universal release lubricant for use in demoulding operations of concrete, reinforced concrete and terracotta products.





9. BIODEGRADABLE INDUSTRIAL FLUIDS.



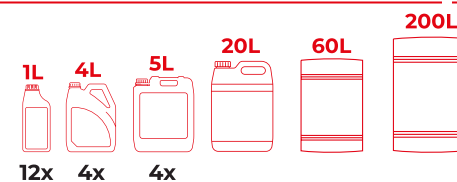


COLUMBIA offers a whole range of high quality biodegradable industrial fluids, made with first choice bases.

BIODEGRADABLE INDUSTRIAL FLUIDS.

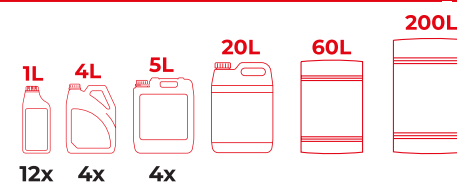
HYDRAULIC BIO 15

ISO 12922 – HF DU, ISO 15380 –HEES



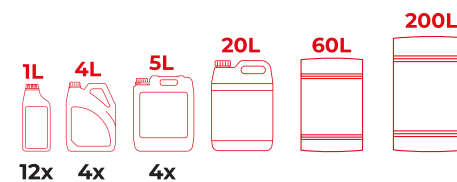
HYDRAULIC BIO 22

ISO 12922 – HF DU, ISO 15380 –HEES



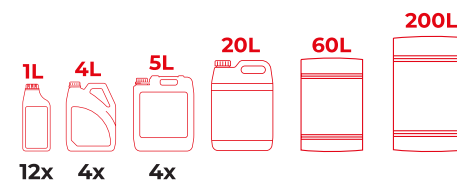
HYDRAULIC BIO 32

ISO 12922 – HF DU, ISO 15380 –HEES



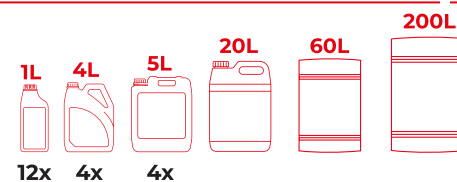
HYDRAULIC BIO 46

ISO 12922 – HF DU, ISO 15380 –HEES



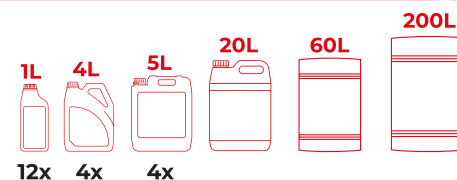
HYDRAULIC BIO 68

ISO 12922 – HF DU, ISO 15380 –HEES



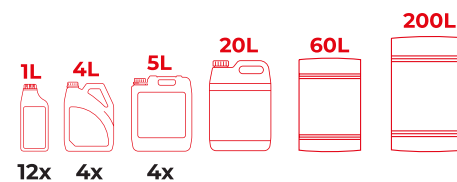
HYDRAULIC BIO 100

ISO 12922 – HF DU, ISO 15380 –HEES



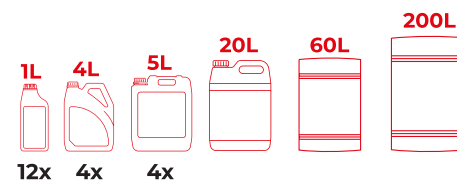
HYDRAULIC BIO 150

ISO 12922 – HF DU, ISO 15380 –HEES



HYDRAULIC BIO 220

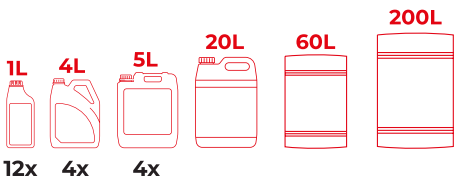
ISO 12922 – HF DU, ISO 15380 –HEES



BIODEGRADABLE INDUSTRIAL FLUIDS.

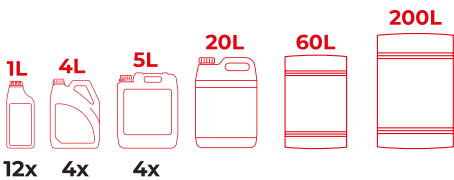
V.V.GEAR BIO 68

ISO 12922 – HFDU, ISO 15380 –HEES



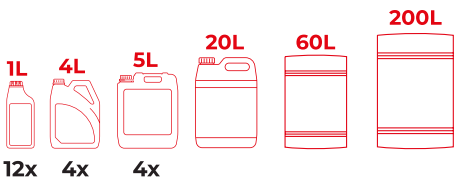
V.V.GEAR BIO 100

ISO 12922 – HFDU, ISO 15380 –HEES



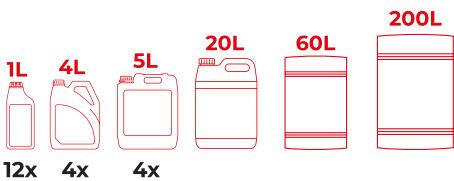
V.V.GEAR BIO 150

ISO 12922 – HFDU, ISO 15380 –HEES



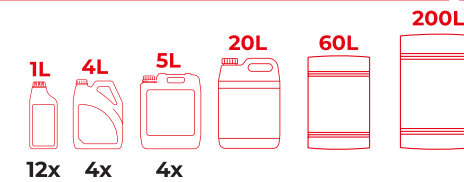
V.V.GEAR BIO 220

ISO 12922 – HFDU, ISO 15380 –HEES



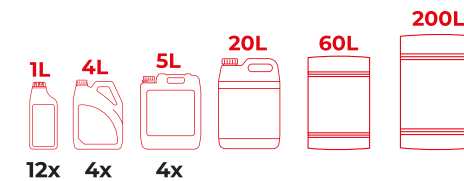
V.V.GEAR BIO 320

ISO 12922 – HF DU, ISO 15380 –HEES



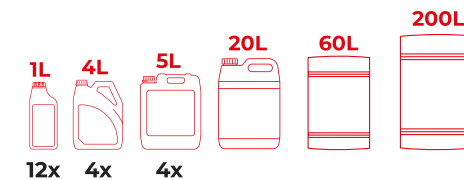
V.V.GEAR BIO 460

ISO 12922 – HF DU, ISO 15380 –HEES



V.V.GEAR BIO 680

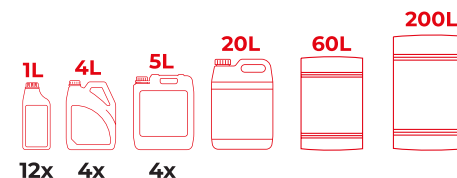
ISO 12922 – HF DU, ISO 15380 –HEES



BIODEGRADABLE INDUSTRIAL FLUIDS.

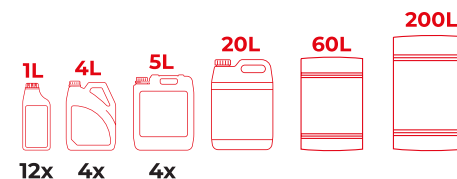
PR8 BIO

High quality synthetic protective fluid obtained by chemical synthesis from raw materials of non-petroleum origin from renewable sources, with 'dewatering' action, suitably fluidised for use; once the solvent has evaporated, it leaves a thin oily film with excellent anti-rust properties. Particularly suitable for the temporary protection of semi-finished products, stored indoors; it is also recommended for the protection of finished parts, bearings and various tools, when they are wrapped and packaged for shipment.



EMULSIONABILE BIO

High quality synthetic emulsifiable fluid obtained by chemical synthesis from raw materials of non-petroleum origin from renewable sources, suitable for general use. It provides emulsions with a high degree of stability over time, excellent resistance to putrescence and the ability to remain in use for a long period of time without decomposing, thanks to the presence of effective antibacterial additives. Boron- and chlorine-free.







10. ANTI-FREEZE LIQUIDS AND COOLANTS





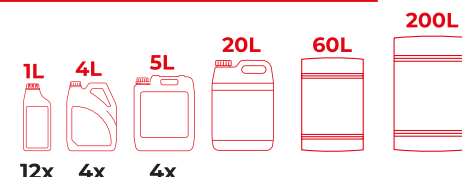
A complete products line dedicated to protection from corrosion, oxidation and deposit formation;
Protects all metals including aluminum, ideal for sealed circuits.



ANTI-FREEZE LIQUIDS AND COOLANTS

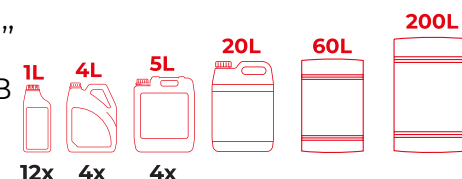
NO-GEL G11 ANTIGELO BLU

ASTM D3306 TIPO1, ASTM D6210 TIPO1 FF SAE J1034, CUNA NC 956-16, FK HEFT R443, EMPA, AFNOR, R15/601, E/L 1415C, KSM 2142, BS 6580, MERCEDES-BENZ, VOLKSWAGEN/AUDI/SKODA, RENAULT, OPEL GM, CHRYSLER, FORD, VOLVO STELLANTIS, MERCEDES-BENZ TRUCK & BUS, VW TL 744C (G11), IVECO 18-1830, FIAT 9.55523



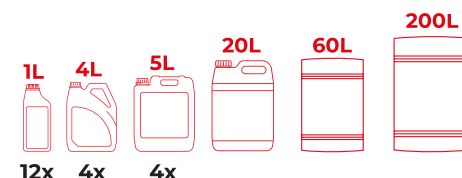
NO-GEL G12 ANTIGELO ROSSO

ASTM D3306 Type1, SAE J1034, CUNA NC 956-16, FK Heft R443, EMPA ASTM D3306 TIPO1,, SAE J1034, CUNA NC 956-16, FK HEFT R443, EMPA, AFNOR R15/601, E/L 1415C, KSM 2142, BS 6580, AUDI TL 774-D/F, BENTLEY TL 774-D/F, LAMBORGHINI TL 774D/F, MB 325.3, MB 326.3, MINI BMW LC-07, MTU MTL 5048, PORSCHE TL 774-D/F, SEAT TL 774-D/F, SKODA TL 774-D/F, VOLKSWAGEN (VW) TL 774-D/F, FIAT 9.55523



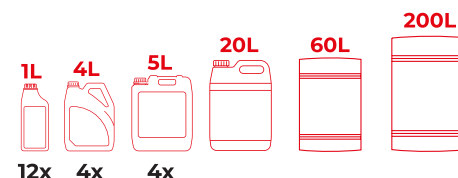
NO-GEL G13 ANTIGELO GIALLO

ASTM D3306 TIPO1, ASTM D6210 TIPO1 FF, SAE J1034, CUNA NC 956-16, FK HEFT R443, EMPA, AFNOR R15/601, E/L 1415C, KSM 2142, BS 6580, MERCEDES-BENZ, VOLKSWAGEN/AUDI/SKODA, RENAULT, OPEL GM, CHRYSLER, FORD, VOLVO, STELLANTIS



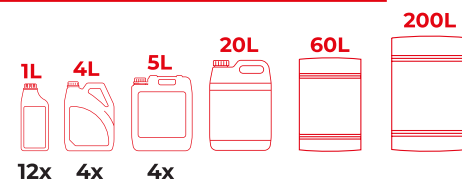
A/F PERMANENT ANTIGELO BLU G11 -40°

SAE J 1034/J 1941, ASTM 3306, CUNA NC 956-16, VW TL 744C (G11), IVECO 18-1830, FIAT 9.55523



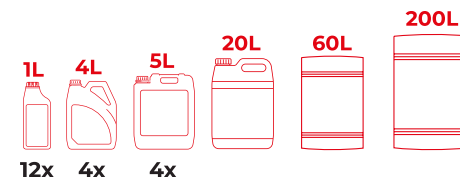
A/F PERMANENT ANTIGELO BLU G11 -20°

SAE J 1034/J 1941, ASTM 3306, CUNA NC 956-16, VW TL 744C (G11), IVECO 18-1830, FIAT 9.55523



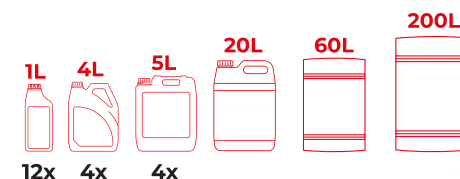
A/F PERMANENT ANTIGELO ROSSO G12 -40°

ASTM D 3306, ASTM D 4985, SAE J1034, CUNA NC 956-16, AFNOR NF R 15-601, BS 6580, BENTLEY VW TL 774 G (G12++) , BUGATTI VW TL 774 (G12++), EMPA E/L 1415c, FVV HEFT R 443, JIS K 2234



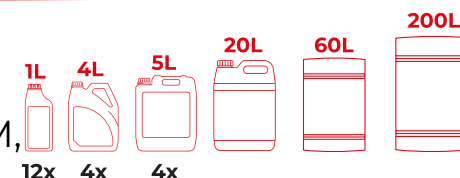
A/F PERMANENT ANTIGELO ROSSO G12 -20°

ASTM D 3306, ASTM D 4985, SAE J1034, VW TL 774 D/F (G12/G12+), CUNA NC 956-16, RENAULT 41-01-001/Q , SEAT, MERCEDES



A/F PERMANENT ANTIGELO GIALLO G13 -40°

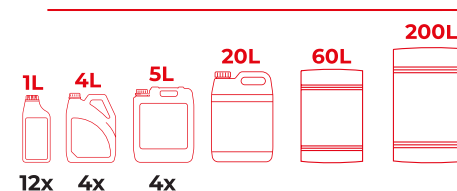
SAE J 1034, ASTM D3306, ASTM D6210 TYPE 1 FF, CUNA NC 956-16, MERCEDES-BENZ, VOLKSWAGEN, AUDI, SKODA, REANULT, OPEL GM, CHRYSLER, FORD, VOLVO, STELLANTIS



ANTI-FREEZE LIQUIDS AND COOLANTS

A/F PERMANENT ANTIGELO GIALLO G13 -20°

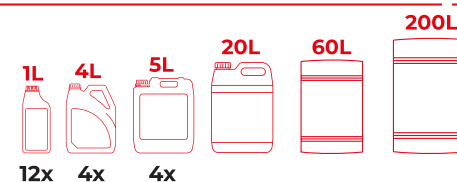
SAE J 1034, ASTM D3306, ASTM D6210 TYPE 1 FF, CUNA NC 956-16,
MERCEDES-BENZ, VOLKSWAGEN, AUDI, SKODA, REANULT,
OPEL GM, CHRYSLER, FORD, VOLVO, STELLANTIS



BRAKE FLUIDS HIGH QUALITY SYNTHETIC FLUIDS FOR CAR AND MOTORCYCLE BRAKING SYSTEMS

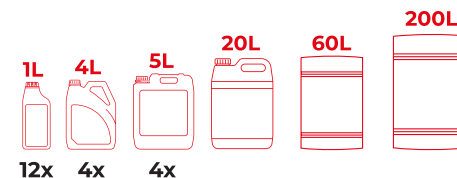
FRENOL DOT 3

SAE J 1703 / J 1704, FMVSS 116, DOT 3 ISO 4925 CLASSE 3, CUNA NC 956 DOT 3, IVECO 18-1820



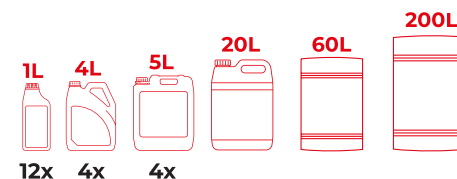
FRENOL DOT 4

SAE J 1703/ J 1704, FMVSS 116, DOT 4 CUNA NC 965, DOT 4 ISO 4925 CLASSE 3/4, FIAT 9.55597, NH 800 A, OPEL / GM 19 42 421, IVECO 18-1820, JIS K2233 CLASSE 4



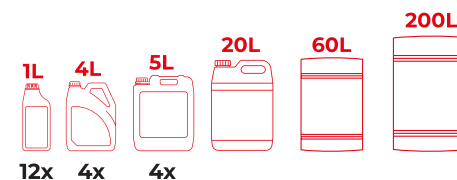
FRENOL DOT 5.1

SAE J 1703/ J 1704, FMVSS 116, DOT 5.1 CUNA NC 956 DOT 5.1, VW AUDI, FERRARI AUTO, MASERATI



LHM

CITROEN 24338, PSA-B 712710, FORD M6C 59A, ISO 7308



11.GREASES AND WHITE OILS



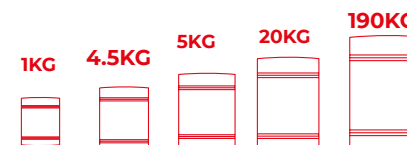
A close-up photograph of a mechanical bearing or roller assembly. A thick, translucent, yellowish lubricant is being applied to the surface of the bearing. The background shows a blue fabric and a white, textured material, possibly a filter or a piece of machinery. A large red semi-transparent rectangle is overlaid on the image, containing white text.

COLUMBIA offers a line of white oils as well as a wide range of high quality lubricating greases for a wide variety of purposes.

GREASES AND WHITE OILS

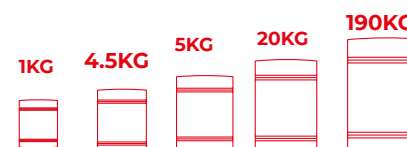
TECNO 110

U.S.F. and D.A. Regulation n° 178.3620 (b)



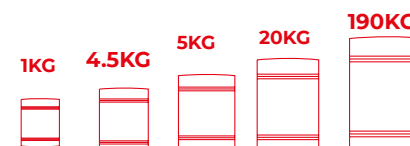
VINCO 130

Farmacopea Italiana, Farmacopea Europea



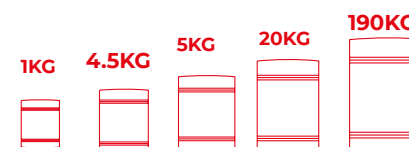
LAVATEX 22

LAVATEX 22 meets the requirements of leading manufacturers of textile and precision machinery for industrial use.



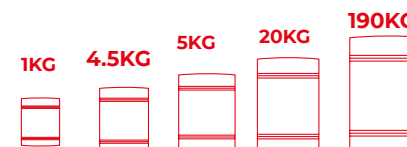
GRASSO A/M2000 EP.1

A superior quality grease, with a light-coloured, creamy appearance; suitably E.P. (Extreme Pressure) additive, with excellent mechanical stability, excellent resistance to oxidation, ageing and the washing action of water, it can be used over a wide operating range (-20 °C to +100 °C). NLGI Classification 1.



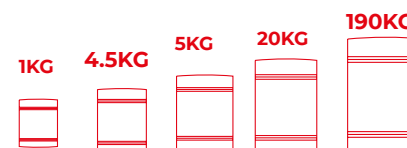
GRASSO AL LITIO AM/2000 EP.2

A superior quality grease, with a light-coloured, creamy appearance; suitably E.P. (Extreme Pressure) additive, with excellent mechanical stability, excellent resistance to oxidation, ageing and the washing action of water, it can be used over a wide operating range (-20 °C to +120 °C).
NLGI Classification 2.



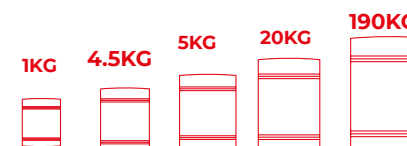
GRASSO AL LITIO AM/2000 EP.3

A superior quality grease, with a light-coloured, pomatose appearance; suitably additivated E.P. (Extreme Pressure), endowed with excellent mechanical stability, excellent resistance to oxidation, ageing and the leaching action of water, it can be used over a wide operating range (-20 °C to +120 °C).



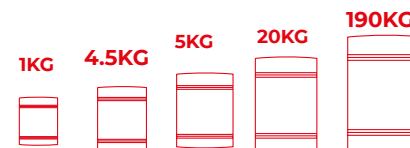
GRASSO DOUBLE STAR 00

A superior quality grease with a light-coloured, creamy appearance; suitably E.P. (Extreme Pressure) additive, with excellent mechanical stability, excellent resistance to oxidation, ageing and the washing action of water, it can be used over a wide operating range (20- °C to 80+ °C).
NLGI 00 classification.



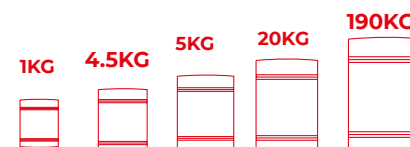
GRASSO TITANO Z

White multi-purpose lithium lubricating grease that protects mechanical gears from corrosion; excellent resistance to oxidation, sea water and wide and repeated temperature variations. Suitable for lubricating suspension joints, pivots, levers, tie rods, hinges of cars and trucks, organs of outboard motors and in all nautical requirements. NLGI Classification 2.



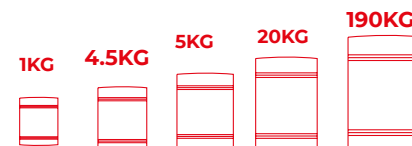
GRASSO MOLIB 0

Special lithium grease containing graphite and molybdenum disulphide, Extreme Pressure, additives, anti-wear and anti-rust. characteristics of adhesiveness, water repellency, anti-corrosion, anti-wear, even under severe operating conditions. Suitable for lubricating earth-moving machinery, crushers, quarries, agricultural machinery, construction and road machinery, heavy industry machinery and for lubricating joints, pins, bushings, sliding surfaces, guides, fifth wheels, bearings. NLGI Classification 0.



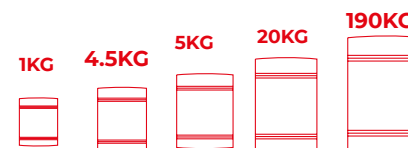
GRASSO MOLIB 1

Special lithium grease containing graphite and molybdenum disulphide, Extreme Pressure , additives, anti-wear and anti-rust. adhesive, water-repellent, anti-corrosion, anti-wear characteristics, even under severe operating conditions. Suitable for lubricating earth moving machines, crushers, quarries, agricultural machines, construction and road machinery, heavy industry machinery and for lubricating joints, pivots, bushings, sliding surfaces, guides, fifth wheels, bearings. NLGI Classification 1.



GRASSO MOLIB 2

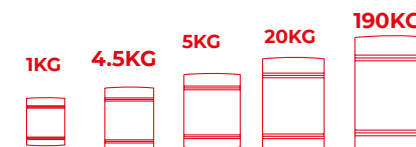
Special lithium grease containing graphite and molybdenum disulphide, Extreme Pressure , additives, anti-wear and anti-rust. adhesive, water-repellent, anti-corrosion, anti-wear characteristics, even under severe operating conditions. Suitable for lubricating earth-moving machinery, crushers, quarries, agricultural machinery, construction and road machinery, heavy industry machinery and for lubricating joints, pins, bushings, sliding surfaces, guides, fifth wheels, bearings. NLGI Classification 2.



GREASES AND WHITE OILS

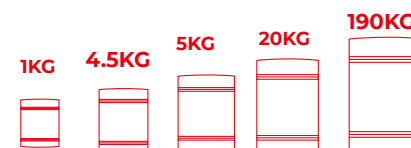
GRASSO MOLIB 3

Special lithium grease containing graphite and molybdenum disulphide, Extreme Pressure, anti-wear and anti-rust additives. adhesive, water-repellent, anti-corrosion, anti-wear characteristics, even under severe operating conditions. Suitable for lubricating earth-moving machinery, crushers, quarries, agricultural machinery, construction and road machinery, heavy industry machinery and for lubricating joints, pins, bushings, sliding surfaces, guides, fifth wheels, bearings. NLGI Classification 3.



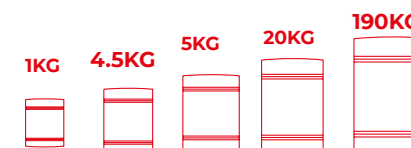
VASELLINA FILANTE BIANCA

A good quality, white, oenological grade Vaseline that exceeds FDA specifications and is particularly suitable for the treatment of corks and biscuit moulds.



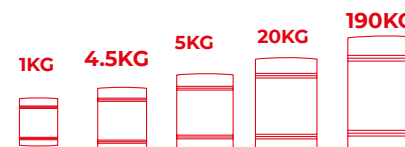
GRASSO AL SILICONE 3

Special silicone grease (dimethylpolysiloxane type) for high and low temperatures ($-40^{\circ}\text{C} \div +200^{\circ}\text{C}$). In addition to its excellent water repellency and resistance to oxidation, it possesses excellent adhesiveness: these characteristics enable the formation of a longer-lasting lubricating film that is resistant to the leaching action of water. To be used in particular as a sliding facilitator in not excessively loaded combinations and in particular in plastics and rubber. It finds excellent use in the food industry due to its harmlessness. Can also be used as an insulating agent with a dielectric strength of 12 kv/mm. Gradation: 3



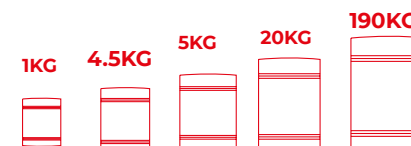
GRASSO AL SILICONE 5000

Special silicone grease (dimethylpolysiloxane type) for high and low temperatures ($-^{\circ}40C \div +^{\circ}200C$). In addition to its excellent water repellency and resistance to oxidation, it possesses excellent adhesiveness: these characteristics enable the formation of a longer-lasting lubricating film that is resistant to the leaching action of water. To be used in particular as a sliding facilitator in not excessively loaded combinations and in particular in plastics and rubber. It finds excellent use in the food industry due to its harmlessness. Can also be used as an insulating agent with a dielectric strength of 12 kv/mm. Gradation: 5000



GRASSO AL SILICONE 10000

Special silicone grease (dimethylpolysiloxane type) for high and low temperatures ($-^{\circ}40C \div +^{\circ}200C$). In addition to its excellent water repellency and resistance to oxidation, it possesses excellent adhesiveness: these characteristics enable the formation of a longer-lasting lubricating film that is resistant to the leaching action of water. To be used in particular as a sliding facilitator in not excessively loaded combinations and in particular in plastics and rubber. It finds excellent use in the food industry due to its harmlessness. Can also be used as an insulating agent with a dielectric strength of 12 kv/mm. Gradation: 10000









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