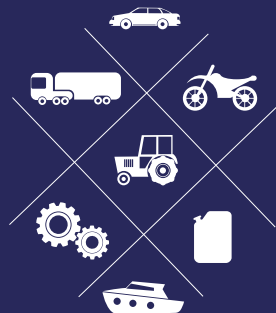


# Lubricants for **AUTOMOTIVE**

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# INDEX



# PACKAGING

PACKAGING DRUM

PACKAGING 5L

PACKAGING 20L



PACKAGING 1L

PACKAGING 4L

Lubricants for  
**LIGHT**  
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## **ESTER RANGE**

| Name<br>PRODUCT | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers |
|-----------------|--------------------|----------------|----------------|------|-----------------------------------|
|                 |                    |                | API/ILSAC      | ACEA |                                   |
| RACING ESTER    | 10W-60             | 100% Synthetic | SN             | -    | -                                 |

## **HYBRID RANGE**

| Name<br>PRODUCT | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS                    |      | QUALITY LEVEL<br>of Manufacturers |
|-----------------|--------------------|----------------|-----------------------------------|------|-----------------------------------|
|                 |                    |                | API/ILSAC                         | ACEA |                                   |
| HYBRID GF6      | 0W-16              | 100% Synthetic | SP (LICENSE 61307)<br>ILSAC GF-6B | -    | RENAULT AN2022                    |
|                 | 0W-20              |                | SP (LICENSE 61315)<br>ILSAC GF-6A |      | -                                 |
|                 | 0W-30              |                | SP<br>ILSAC GF-6A                 |      |                                   |
|                 | 5W-20              |                | SP (LICENSE 61319)<br>ILSAC GF-6A |      |                                   |
|                 | 5W-30              |                | SP (LICENSE 61317)<br>ILSAC GF-6A |      |                                   |
|                 | 5W-40              |                | SP                                |      |                                   |
|                 | 10W-30             |                | SP (LICENSE 61318)<br>ILSAC GF-6A |      |                                   |

## **FLAGSHIP RANGE**

| Name<br>PRODUCT    | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS                 |       | QUALITY LEVEL<br>of Manufacturers  |
|--------------------|--------------------|----------------|--------------------------------|-------|--|
|                    |                    |                | API/ILSAC                      | ACEA  |  |
| FLAGSHIP GLV       | 0W-8               | 100% Synthetic | -                              | -     | JASO GLV-1 · MAZDA · MITSUBISHI<br>NISSAN · TOYOTA   |
| FLAGSHIP 971       | 0W-20              |                | SN PLUS / SP RC<br>ILSAC GF-6A | C5,C6 | MB Approval 229.71 · BMW LONGLIFE-17FE+<br>OV 040 1547 · GM DEXOS D · VCC RBS0-2AE<br>JLR 03.5006 / 03.5006 · FIAT 9.55535-GSX<br>CHRYSLER MS 12145 · RN 0700 / 0710 |
| FLAGSHIP EVOLUTION |                    |                | -                              | C5    | VW 508.00 / 509.00 (Approval)<br>PORSCHE C20 · FORD WSS-M2C956-A1  |
| FLAGSHIP 517       |                    |                | -                              | C5    | RN 17FE  |



# FLAGSHIP RANGE

| Name<br>PRODUCT    | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS           |                | QUALITY LEVEL<br>of Manufacturers  |
|--------------------|--------------------|----------------|--------------------------|----------------|--|
|                    |                    |                | API/ILSAC                | ACEA           |  |
| FLAGSHIP RBO       | 0W-20              | 100% Synthetic | SN<br>Approval 50860     | C5             | VCC RBS0-2AE (Approval 8751149)  |
| FLAGSHIP C5 2010   |                    |                | SN PLUS                  | C5             | OV 040 1547 - A20 · PSA B71 2010<br>FIAT 9.55535-DM1   |
| FLAGSHIP 952       |                    |                | SN PLUS/SP<br>ILSAC GF-5 | C5,C6          | MB 229.71 · OV 040 1547 · GM DEXOS D<br>JLR 03.5006 / 51.5122<br>FORD WSS-M2C952-A1 / WSS-M2C947-A<br>FORD WSS-M2C947-B1 / WSS-M2C962-A1 / WSS-M2C954 A1 |
| FLAGSHIP G15       |                    |                | SP-RC<br>ILSAC GF-6A     | -              | GM DEXOS 1 GEN 3   |
| FLAGSHIP C3 504/7  | 0W-30              | 100% Synthetic | SN/CF                    | C2,C3          | VW 504.00 / 507.00 · BMW Long Life-04<br>PORSCHE C30 · MB 229.52<br>FIAT 955535.GS1 / 955535.DS1   |
| FLAGSHIP C2 950    |                    |                | SN/CF                    | C2             | FORD WSS-M2C-950A · JLR 03.5007<br>FIAT 9.55535-GS1/DS1 · IVECO 18-1811 SC1 LV   |
| FLAGSHIP C2 2312   |                    |                | -                        | C2             | PSA B71 2312 · FORD WSS-M2C-934B · JLR 03.5007<br>HONDA · MITSUBISHI · SUZUKI · TOYOTA   |
| FLAGSHIP 19FE      |                    |                | SP                       | C2,C3          | BMW LL-04 / LL-12 FE / LL-19 FE · KIA ENGINE OIL<br>MB 229.61 · FORD WSS-M2C950-A · OPEL OV 0401547<br>PSA B71 2290 / B71 2312                           |
| FLAGSHIP VCC377    |                    |                | SL                       | A5/B5<br>A7/B7 | VCC 95200377   |
| FLAGSHIP 948B      | 5W-20              | 100% Synthetic | SN                       | -              | FORD WSS-M2C 948B · JLR 03.5004  |
| FLAGSHIP C1        | 5W-30              | 100% Synthetic | -                        | C1             | JASO DL-1 · FORD WSS-M2C 934B · JLR 03.5005<br>MAZDA (DPF & FAP)   |
| FLAGSHIP C2 PSA    |                    |                | SN/CF                    | C2             | PSA B712290 · BMW Long Life-04   |
| FLAGSHIP 517       |                    |                | -                        | C3             | RN17   |
| FLAGSHIP C2/C3 547 |                    |                | SN                       | C2,C3          | VW 504.00/507.00 · BMW Long Life-04 · MB 229.52<br>PORSCHE C30 · PSA B712290 · GM OPEL DEXOS 2<br>FIAT 9.55535-DS1 / 9.55535-GS1                         |
| FLAGSHIP EVOLUTION |                    |                | SN/CF                    | C3             | VW 504.00 / 507.00 (approval) · BMW Long Life-04<br>PORSCHE C30 · MB 229.51  |
| FLAGSHIP C3 504/7  |                    |                | SN/CF                    | C3             | VW 504.00 / 507.00 · BMW Long Life-04<br>PORSCHE C30 · MB 229.52   |
| FLAGSHIP C23       |                    |                | SN PLUS/CF               | C2,C3          | PSA B71 2290 / B71 2297 · GM DEXOS 2<br>FIAT 9.55535-S1 / 9.55535-S2 · VW 502.00 / 505.01<br>RN 0700 · MB 229.52 · STELLANTIS FPW9.55535/03              |
| FLAGSHIP C3 DEXOS  |                    |                | SN/CF                    | C3             | GM OPEL DEXOS 2 · MB 229.52 · PSA B712297<br>VW 502.00 / 505.00 / 505.01   |
| FLAGSHIP C4        |                    |                | -                        | C4,C3          | MB 226.51 · RN 0720  |
| FLAGSHIP F 913D    |                    |                | SN                       | A5/B5<br>A7/B7 | FORD WSS-M2C 913D · JLR 03.5003  |
| FLAGSHIP G15       |                    |                | SP-RC<br>ILSAC GF-6A     | -              | GM DEXOS 1 GEN 3   |
| FLAGSHIP DRACO     | 0W-40              | 100% Synthetic | SN/CF                    | A3/B4          | PORSCHE A40 · MB 229.5 · VW 502.00 / 505.00<br>BMW Long Life-01 · RN 0700 / 0710<br>FORD WSS-M2C937-A  |
|                    | 5W-30              |                |                          |                | MB 229.5   |
|                    | 5W-40              |                |                          |                |  |
|                    | 10W-60             |                |                          |                | MB 228.3 / 229.1   |
| FLAGSHIP C3        | 5W-40              | 100% Synthetic | SN/CF                    | C3             | MB 229.52 · PORSCHE A40 · GM DEXOS 2<br>RN 0700 / 0710 · FORD WSS-M2C 917A<br>BMW Long Life-04 · VW 502.00 / 505.00 / 505.01                             |



## STATUS CAR RANGE

| Name<br>PRODUCT | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS |       | QUALITY LEVEL<br>of Manufacturers   |
|-----------------|--------------------|----------------|----------------|-------|---|
|                 |                    |                | API/ILSAC      | ACEA  |   |
| STATUS CAR      | 5W-30              | Synthetic      | SN/CF          | A3/B4 | GM-LL B-025 · VW 502.00 / 505.00 · BMW LL-01<br>RN 0700 / 0710 · MB 229.5<br>FIAT 9.55535-G1 · PSA B712296              |
| STATUS CAR      | 5W-40              |                |                |       | GM-LL B-025 · MB 229.5 · VW 502.00 / 505.00<br>BMW LL-01 · RN0700 / 0710 · PORSCHE A40<br>FIAT 9.55535-M2 · PSA B712296 |
| STATUS GLK      | 10W-40             |                |                |       | MB 229.1 / 229.3  |
| STATUS GLOBAL   | 10W-40             | Semi-Synthetic | SN/CF          | A3/B4 | GM-LL B-025 · RN 0700 / 0710<br>VW 502.00 / 505.00 · MB 229.1<br>FIAT 9.55535-G2  |
| STATUS XP       | 10W-40             |                | SL/CF-4        |       | VW 501.01 / 505.00  |
| STATUS GLK      | 15W-50             |                | SN/CF          |       | MB 229.1 / 229.3  |

## RODER RANGE

| Name<br>PRODUCT | VISCOSITY<br>Grade | NATURE  | SPECIFICATIONS |       | QUALITY LEVEL<br>of Manufacturers |
|-----------------|--------------------|---------|----------------|-------|-----------------------------------|
|                 |                    |         | API/ILSAC      | ACEA  |                                   |
| RODER XP        | 15W-40             | Mineral | SL/CF-4        | A3/B3 | VW 501.01 / 505.00<br>MB 229.1    |
| RODER PLUS      | 20W-50             |         |                |       |                                   |
| RODER S.S III   | 10W                |         | CF/SF          |       | -                                 |
|                 | 30                 |         |                |       |                                   |
|                 | 40                 |         |                |       |                                   |
|                 | 50                 |         |                |       |                                   |

## GAS RANGE

| Name<br>PRODUCT | VISCOSITY<br>Grade | NATURE    | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers |
|-----------------|--------------------|-----------|----------------|------|-----------------------------------|
|                 |                    |           | API/ILSAC      | ACEA |                                   |
| GAS             | 5W-30              | Synthetic | SN             | -    | -                                 |
|                 | 5W-40              |           |                | C3   |                                   |
|                 | 20W-50             |           |                | -    |                                   |



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# GALACTIC RANGE

| Name<br>PRODUCT       | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS                  |                    | QUALITY LEVEL<br>of Manufacturers  |
|-----------------------|--------------------|----------------|---------------------------------|--------------------|--|
|                       |                    |                | API/ILSAC                       | ACEA               |  |
| <b>GALACTIC U1804</b> | 0W-20              | 100% Synthetic | -                               | -                  | IVECO 18-1804 TLV LSCTR I139.D14   |
| <b>GALACTIC E3977</b> | 5W-20              | Synthetic      | -                               | -                  | MAN M3977<br>SCANIA LDF-5  |
| <b>GALACTIC FA-4</b>  | 5W-30              | Synthetic      | FA-4/SN                         | -                  | MB 228.61 · CUMMINS CES 20087<br>DETROIT DIESEL 93K223 · MACK EOS-5<br>RENAULT RLD-5 · VOLVO VDS-5 · FORD WSS-M2C214-B1  |
|                       | 10W-30             |                |                                 |                    | JASO DH-2 · CUMMINS CES 20087 · MB 228.61<br>DETROIT DIESEL 93K223 · RENAULT RLD-5<br>VOLVO VDS-5 · MACK EOS-5   |
| <b>GALACTIC CK-4</b>  | 5W-40              | Semi-Synthetic | CK-4, CJ-4/SM                   | E7,E9,E11          | MB 228.31 · MAN M 3275/M3575 · VOLVO VDS-4/VDS 4.5<br>RENAULT RLD-3/RLD-2 /VI RLD-4<br>CATERPILLAR ECF-3/ECF-2/ECF-1A<br>CES 20076/20077/20078/20081/20086 · DEUTZ DQC III-10-1A<br>GLOBAL DHD-1 · MTU type 2.1/type 2/type 1<br>DETROIT DIESEL DDC 93K218, 93K215, 93K222<br>MACK EO-0 PP / EO-N Premium Plus / EOS-4.5 · JASO DH-2 |
|                       | 10W-30             |                | CK-4/CJ-4<br>CI-4+/CI-4/CH-4/SN |                    | JASO DH-2 · CATERPILLAR ECF-3/ECF-2/ECF-1a<br>DEUTZ DQC III-18 LA · MTU Category 2.1 · MB 228.31<br>VOLVO VDS-4.5 · MACK EOS-4.5<br>RENAULT VI RLD-3 · MAN M3775<br>CUMMINS CES 20086 · DETROIT DIESEL DFS 93K222<br>ISUZU / KOMATSU / HITACHI / JCB / KOBELCO / CASE  |
|                       | 10W-40             |                | CJ-4/CK-4<br>Approval 62521     |                    | MB Approval 228.31 · VOLVO VDS-4.5<br>DEUTZ DQC III-10 LA · MTU Type 2.1 · MACK EO – S-4.5<br>CUMMINS CES 20086 · CAT ECF-3<br>RENAULT RVI RLD-4/RLD-3 · MAN M3775<br>DETROIT DIESEL DFS 93K222 · IVECO 18-1804 TLS E9<br>IVECO 18-1804 TLS CK4 C.T.R. 037.F21   |
|                       | 15W-40             |                | SN/CK-4<br>Approval 62526       |                    | MB Approval 228.31 · VOLVO VDS-4.5<br>DEUTZ DQC III-10 LA · MTU Type 2.1 · MACK EO – S-4.5<br>CUMMINS CES 20086 · CAT ECF-3<br>RENAULT RVI RLD-4/RLD-3 · MAN M3775<br>DETROIT DIESEL DFS 93K222  |
| <b>GALACTIC E900</b>  | 10W-30             | Synthetic      | CJ-4/SN                         | E7,E9,E11          | VOLVO VDS-4/VDS-3<br>MACK EO – M+<br>MAN M 3575/3275<br>RENAULT RVI RLD-3<br>MTU Type 2.1<br>MB 228.31/228.3<br>CUMMINS CES 20081<br>SCANIA Low Ash<br>CAT ECF 1A,2A,3   |
|                       | 10W-40             |                |                                 |                    |  |
|                       | 15W-40             |                |                                 |                    |  |
|                       | 15W-50             |                |                                 |                    |  |
| <b>GALACTIC E600</b>  | 5W-30              | 100% Synthetic | CK4                             | E6,E8,E7           | MAN M3271-1/M3477/M3775 · CATERPILLAR ECF-3<br>MACK EOS-4.5 · VOLVO VDS-4.5 · MB 28.31/228.51/228.52<br>MTU type 3.1/2.1 · RVI RLD-4 / RLD-3<br>DETROIT DIESEL 93K222 · JASO DH-2-17<br>DEUTZ DQC IV-18LA · SCANIA LDF-4<br>CUMMINS CES20086/CES20081  |
|                       | 10W-40             |                |                                 |                    |  |
| <b>GALACTIC E400</b>  | 5W-30              | 100% Synthetic | CI-4                            | E4,E7              | MAN M3277 · MB 228.5<br>VOLVO VDS-3 · SCANIA LDF-3<br>RENAULT RXD<br>IVECO<br>DAF E4<br>MACK EO-M+<br>IVECO 18-1804 TFE E4 CTR I023.M01  |
|                       | 10W-40             |                |                                 |                    |  |
| <b>GALACTIC E700</b>  | 10W-40             | Synthetic      | SL/CI-4                         | A3/B4 & E7         | GLOBAL DHD-1 · MAN M3275 · IVECO-PEGASO<br>DAF XF · MACK TRUCK EO-M+ · MB 229.1/228.3<br>RENAULT RLD-2 · SCANIA LDF · HINO-ISUZU DH-1<br>VOLVO VDS-3   |
| <b>GALACTIC MULTI</b> | 5W-30              | 100% Synthetic | CJ-4                            | E4,E6,E8<br>E7,E11 | VOLVO VDS-4<br>MTU Oil Category 2.1/3.1<br>MB 228.31/228.51/228.52<br>DEUTZ DQC IV-18LA<br>MAN M3275/3277/3575/3677/3477<br>MACK EO-O PREMIUM PLUS<br>CUMMINS CES20081<br>CATERPILLAR ECF-3<br>DDC PGOS 93K218<br>RVI RLD-2/RLD-3<br>JASO DH-2<br>IVECO 18-1804 TLS E6 CTR I720.I12  |
|                       | 10W-30             |                |                                 |                    |  |
|                       | 10W-40             |                |                                 |                    |  |



## **MASTER RANGE**

| Name<br>PRODUCT                 | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS |            | QUALITY LEVEL<br>of Manufacturers  |
|---------------------------------|--------------------|----------------|----------------|------------|--|
|                                 |                    |                | API/ILSAC      | ACEA       |  |
| <b>MASTER CK</b>                | 15W-40             | Semi-Synthetic | CK-4           | E7,E9      | MB 228.51 · MAN M-3575/M3271-1<br>CAT ECF-3 · MTU 3.1<br>FORD WSS-M2C171-F1<br>CUMMINS CES 20086/CES 20081<br>VOLVO VDS-4.5 · MACK EOS-4.5<br>DQC IV-10 LA<br>RENAULT RLD-4 · IVECO TLS E9 |
|                                 | 15W-50             |                |                |            |  |
| <b>MASTER ULTRA<br/>THPD E7</b> | 15W-40             | Mineral        | CI-4/SN        | A3/B4 & E7 | MAN M3275<br>IVECO-PEGASO<br>DAF XF<br>RENAULT RLD-2<br>MB 229.1/228.3<br>SCANIA LDF<br>VOLVO VDS-3<br>DEUTZ DQC III-10  |
|                                 | 15W-50             |                |                |            |  |
|                                 | 20W-50             |                |                |            |  |
|                                 | 25W-60             |                | CH-4/CF        | E7         | MAN M3275-1 · RENAULT RD-2 · MACK EO-L Plus<br>MB 228.3 · VOLVO VDS-2 · CAT ECF-1a<br>CUMMINS CES 20077 · MTU Type 2 · DEUTZ DQC II-05   |

## **MASTERGAS RANGE**

| Name<br>PRODUCT  | VISCOSITY<br>Grade | NATURE  | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers   |
|------------------|--------------------|---------|----------------|------|-------------------------------------|
|                  |                    |         | API/ILSAC      | ACEA |                                     |
| <b>MASTERGAS</b> | 15W-40             | Mineral | -              | -    | Detroit 93K216<br>CUMMINS CES 20085 |

## **CAPRIN SUPERIOR RANGE**

| Name<br>PRODUCT          | VISCOSITY<br>Grade | NATURE  | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers   |
|--------------------------|--------------------|---------|----------------|------|---|
|                          |                    |         | API/ILSAC      | ACEA |   |
| <b>UPPER CAPRIN PLUS</b> | 40                 | Mineral | CF-2           | -    | GM EMD engines · General Electric · Gen 4<br>LMOA - generation V<br>Alco, Baldwin and Fairbanks-Morse engines |



## **OFF ROAD RANGE**

| Name<br>PRODUCT     | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers   |
|---------------------|--------------------|----------------|----------------|------|---|
|                     |                    |                | API/ILSAC      | ACEA |   |
| <b>SASH DEO</b>     | 10W-30             | Mineral        | CI-4/SN        | E7   | CAT ECF-2<br>CUMMINS CES 20078<br>VOLVO VDS-3 · JASO DH-1<br>MACK EO-N · MACK EO-M PLUS<br>RENAULT RLD-2<br>MTU CATEGORY 2 · MB 228.3<br>IVECO 18-1804 T2 E7 CTR I517.F06 |
|                     | 15W-40             |                |                |      |   |
| <b>SASH FDO</b>     | 50                 | Mineral        | -              | -    | CAT FD-1  |
|                     | 60                 |                |                |      |   |
| <b>SASH FDO SYN</b> | -                  | Semi-Synthetic |                |      |   |
| <b>SASH TDTO</b>    | 10W                | Mineral        | CF, MT-1       | -    | ALLISON C-4 · CATERPILLAR TO-4 · ZF TE-ML 03C<br>DANA Powershift Transmissions<br>KOMATSU KES07.861.1 · VICKERS (35VQ25)  |
|                     | 30                 |                |                |      | ALLISON C-4 · CATERPILLAR TO-4<br>DANA Powershift Transmissions<br>KOMATSU KES07.861.1 · ZF TE-ML 03C & ZF TE-ML 07F  |
|                     | 50                 |                |                |      | ALLISON C-4 · CATERPILLAR TO-4<br>KOMATSU KES07.861.1<br>TREMAC/TTC   |
| <b>SASH SMT</b>     | -                  | Mineral        | -              | -    | CAT TO-4M, TO-4 · ALLISON C-4   |

## **GAS ENGINE RANGE**

| Name<br>PRODUCT     | VISCOSITY<br>Grade | NATURE  | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers  |
|---------------------|--------------------|---------|----------------|------|--|
|                     |                    |         | API/ILSAC      | ACEA |  |
| <b>ABRAXAN 1000</b> | 15W-40             | Mineral | CF             | -    | GE Jenbacher for TA 1000-1109<br>(class B fuel gas, Series 2 & 3)  |
|                     | 40                 |         |                |      |  |
| <b>ABRAXAN 5000</b> | 10W-30             | Mineral | -              | -    | Waukesha CUMMINS L10 – M11<br>MAN Co-gen MWM<br>DEUTZ Dresser-Rand Category II, III<br>CAT 3300, 3400, 3500, 3600 Series<br>Wartsila SACM 150/175 SG SIn |
|                     | 15W-40             |         |                |      |  |
|                     | 20W-50             |         |                |      |  |
|                     | 40                 |         |                |      |  |
| <b>ABRAXAN 6000</b> | 15W-40             | Mineral | -              | -    | CUMMINS CES 20074<br>CUMMINS B5.9G, C8.3G<br>DDC Series 50G and 60G  |
|                     | 40                 |         |                |      |  |
| <b>ABRAXAN 8000</b> | 15W-40             | Mineral | -              | -    | Waukesha CUMMINS L10 – M11<br>MAN Co-gen MWM<br>DEUTZ Dresser-Rand Category II, III<br>CAT 3300, 3400, 3500, 3600 Series<br>Wartsila SACM 150/175 SG SIn |
|                     | 40                 |         |                |      |  |



Lubricants for  
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## MOTOLUB STER 4T RANGE

| Name<br>PRODUCT | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers  |
|-----------------|--------------------|----------------|----------------|------|--|
|                 |                    |                | API/ILSAC      | ACEA |  |
| MOTOLUB STER 4T | 10W-60             | 100% Synthetic | SN             | -    | JASO MA2 (T903:2016)<br>With Ester technology.<br>High-performance racing oil. |

## MOTOLUB MAXIMA 4T RANGE

| Name<br>PRODUCT            | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers           |
|----------------------------|--------------------|----------------|----------------|------|---|
|                            |                    |                | API/ILSAC      | ACEA |   |
| MOTOLUB MAXIMA<br>ELITE 4T | 5W-40              | 100% Synthetic | SN             | -    | JASO MA2 (T903:2016)<br>Approval M034LEC004 |
|                            | 10W-50             |                |                |      | JASO MA2 (T903:2016)<br>Approval M034LEC003 |

## MOTOLUB PLUS 4T RANGE

| Name<br>PRODUCT | VISCOSITY<br>Grade | NATURE    | SPECIFICATIONS       |      | QUALITY LEVEL<br>of Manufacturers           |
|-----------------|--------------------|-----------|----------------------|------|---|
|                 |                    |           | API/ILSAC            | ACEA |   |
| MOTOLUB PLUS 4T | 10W-40             | Synthetic | SN<br>Approval 64158 | -    | JASO MA2 (T903:2016)<br>Approval M034LEC005 |
|                 | 15W-50             |           | SN                   |      | JASO MA2 (T903:2016)                        |
|                 | 20W-50             |           | SN<br>Approval 50824 |      | JASO MA2 (T903:2016)<br>Approval M034LEC001 |

## MOTOLUB BIKER 4T RANGE

| Name<br>PRODUCT  | VISCOSITY<br>Grade | NATURE  | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers |
|------------------|--------------------|---------|----------------|------|-----------------------------------|
|                  |                    |         | API/ILSAC      | ACEA |                                   |
| MOTOLUB BIKER 4T | 20W-50             | Mineral | SL             | -    | JASO MA2                          |



## **MOTOWORLD MAXIMA GAMA 2T RANGE**

| Name<br>PRODUCT     | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers              |
|---------------------|--------------------|----------------|----------------|------|--|
|                     |                    |                | API/ILSAC      | ACEA |  |
| MOTOWORLD MAXIMA 2T | -                  | 100% Synthetic | TC+            | -    | JASO M345 FD · ISO/L/EGD · TISI<br>APRILIA DFI |

## **MOTOWORLD PLUS 2T RANGE**

| Name<br>PRODUCT   | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers |
|-------------------|--------------------|----------------|----------------|------|-----------------------------------|
|                   |                    |                | API/ILSAC      | ACEA |                                   |
| MOTOWORLD PLUS 2T | -                  | Semi-Synthetic | TC             | -    | JASO M345 FC · ISO/L/EGD · TISI   |

## **MINOIL MOTOWORLD 2T RANGE**

| Name<br>PRODUCT     | VISCOSITY<br>Grade | NATURE  | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers |
|---------------------|--------------------|---------|----------------|------|-----------------------------------|
|                     |                    |         | API/ILSAC      | ACEA |                                   |
| MOTOWORLD MINOIL 2T | -                  | Mineral | TB             | -    | JASO FB · ISO-L-EGB               |



Lubricants for  
**MARINE**  
industry



## **MARINE LUBE RANGE**

| Name<br>PRODUCT         | VISCOSITY<br>Grade | NATURE  | DESCRIPTIONS  |
|-------------------------|--------------------|---------|---|
| <b>MARINE LUBE VR12</b> | 15W-40             | Mineral | Oil for marine diesel engines specially designed to lubricate the new Euro 3/4 engines with low emission levels and to use light fuel with up to 1% sulfur content. |
| <b>MARINE LUBE VR15</b> | 15W-40             | Mineral | Oils for marine diesel engines specially designed for all types of modern 4-stroke fast-speed engines running on marine distillate fuel.                            |

## **TRUNKLUBE VM RANGE**

| Name<br>PRODUCT       | VISCOSITY<br>Grade | NATURE  | DESCRIPTIONS  |
|-----------------------|--------------------|---------|---|
| <b>TRUNKLUBE VM30</b> | 30                 | Mineral | Oil for marine diesel engines specially designed to lubricate new Euro 3/4 engines with low emission levels and to use light fuel with up to 1% sulfur content. |
| <b>TRUNKLUBE VM30</b> | 40                 | Mineral | Oil for marine diesel engines specially designed for all types of modern 4-stroke medium-speed gas oil or marine diesel oil (MDO) engines. Moderate stress oil. |
| <b>TRUNKLUBE VM40</b> | 30                 | Mineral | Trunk piston engine oil specially designed for modern 4-stroke marine diesel engines running on intermediate fuel oil (IFO) or heavy fuel oil (HFO).            |
| <b>TRUNKLUBE VM40</b> | 40                 | Mineral |   |
| <b>TRUNKLUBE VM50</b> | 40                 | Mineral |   |





## **CYLUBE VL RANGE**

| Name<br>PRODUCT     | VISCOSITY<br>Grade | NATURE  | DESCRIPTIONS   |
|---------------------|--------------------|---------|--|
| <b>CYLUBE VL5</b>   | 30                 | Mineral | Marine system lubricant.<br>Premium crankcase lubricant for low-speed crosshead diesel engines.  |
| <b>CYLUBE VL25</b>  | 50                 | Mineral | Cylinder oil for low-speed engines developed for modern engines running on distillate fuels and LNG with a sulfur content of up to 0.1%. |
| <b>CYLUBE VL40</b>  | 50                 | Mineral | Cylinder oil for low-speed engines developed for modern engines running on low-sulfur fuels.   |
| <b>CYLUBE VL70</b>  | 50                 | Mineral | Cylinder oil for low-speed engines developed to provide good performance at the higher temperatures and pressures of modern engines.     |
| <b>CYLUBE VL100</b> | 50                 | Mineral | Cylinder oil for low-speed engines that withstands the most stringent and corrosive conditions encountered in service.                   |

## **NAUTICAL 2T & 4T RANGE**

| Name<br>PRODUCT           | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS |      | QUALITY LEVEL<br>of Manufacturers   |
|---------------------------|--------------------|----------------|----------------|------|---|
|                           |                    |                | API/ILSAC      | ACEA |   |
| <b>MARINE OUTBOARD 2T</b> | -                  | 100% Synthetic | TD-TSC 4       | -    | YAMAHA · NMMA TC-W3   |
| <b>MARINE W2 2T</b>       | -                  | Semi-Synthetic | TC             | -    | NMMA TC-W2  |
| <b>MARINE WORLD 4T</b>    | SAE 150W-40        | Synthetic      | SL             | -    | NMMA FC-W · HONDA · MERCURY · YAMAHA ·<br>EVINRUDE/JOHNSON (BRP) · SUZUKI<br>NISSAN · TOHATSU |



Lubricants for  
**MTF & ATF**  
transmissions

## ***HYPOX - MTF LSD RANGE***

| Name<br>PRODUCT     | VISCOSITY<br>Grade | NATURE    | API/ILSAC                      | QUALITY LEVEL<br>of Manufacturers   |
|---------------------|--------------------|-----------|--------------------------------|---|
| <b>HYPOX WS LSD</b> | 75W-90             | Synthetic | GL-4/GL-5/GL-5<br>Limited Slip | ZF TE-ML 05C / D · VW G50/G51 · MIL-L-2105 D<br>GM 1940058/93165388/88862624/88862625 |
| <b>HYPOX W LSD</b>  | 80W-90             | Mineral   | GL-5<br>Limited Slip           | MIL-L-2105 B/C/D · ZF TE-ML 05C/12C/21C   |
| <b>HYPOX LSD</b>    | 90                 |           |                                | MIL-L-2105 B · ZF TE-ML 05C/12C/21C   |

## ***SYNQUERT - MTF RANGE***

| Name<br>PRODUCT        | VISCOSITY<br>Grade | NATURE         | API/ILSAC   | QUALITY LEVEL<br>of Manufacturers   |
|------------------------|--------------------|----------------|---|---|
| <b>SYNQUERT</b>        | 75W-90             | 100% Synthetic | GL-4/GL-5   | MT-1 · MB 235.8 · MACK GO-J · MIL PRF-2105 E · SCANIA STO 1:0<br>VOLVO 97312 · DAF · IVECO · RENAULT · MAN 341 Z2, E3 / 342 M3<br>ZF 02B, 07A, 08, 05B, 12L, 12N, 16F, 17B, 19C e 21B |
| <b>SYNQUERT</b>        | 80W-140            |                |   | MT-1 · MACK GO-J · MIL-PRF-2105 E · SCANIA STO-1:0  |
| <b>SYNQUERT 235.11</b> | 75W-90             |                | GL-4  | MAN 341 TYPE MB · MB 235.11 · ZF TE-ML 08   |
| <b>SYNQUERT MWS</b>    | 75W-80             |                | ZF TE-ML 01L, 02L, 08, 16K · MB 235.29<br>MAN 341 TYPE E3 / 341 TYPE Z4 · VOLVO 97307 |   |

## ***ENDURASYN - MTF RANGE***

| Name<br>PRODUCT        | VISCOSITY<br>Grade | NATURE    | API/ILSAC | QUALITY LEVEL<br>of Manufacturers  |
|------------------------|--------------------|-----------|-----------|--|
| <b>ENDURASYN</b>       | 75W-80             | Synthetic | GL-4/GL-5 | SAE J 2360 · MT-1 · MIL -L- 2105 D   |
| <b>ENDURASYN</b>       | 75W-90             |           |           | J 2360 · MT-1 · MACK GO-J · MB 235.8<br>ZF 02B,05B,07A,12B,16F,17B,19C,21B |
| <b>ENDURASYN</b>       | 85W-140            | Synthetic |           | MT-1 · MACK GO-J · MIL-PRF-2105 D<br>SCANIA STO-1:0 · DAF API GL-5         |
| <b>ENDURASYN INTEX</b> | 75W-80             |           | GL-4+     | PSA B71 2330   |



## **ENDURANCE - MTF RANGE**

| Name<br>PRODUCT    | VISCOSITY<br>Grade | NATURE  | API/ILSAC | QUALITY LEVEL<br>of Manufacturers   |
|--------------------|--------------------|---------|-----------|---|
| <b>ENDURANCE W</b> | 75W-80             | Mineral | GL-4/GL-5 | SAE J 2360 · MT-1 · MIL -L- 2105 D  |
| <b>ENDURANCE W</b> | 80W-90             |         |           | MT-1 · SCANIA STO 1:0 · MB 235.0<br>MAN 341 TYPE E2 / MAN 342 TYPE Z2 / MAN 342 TYPE M2<br>ZF TE-ML 02B, 05A, 07, 08, 12L, 12M, 16B, 17B, 19B, 21A<br>VOLVO 97321 · JOHN DEERE JDM J11E<br>CASE MS 1316 · FORD M2C197-A |
| <b>ENDURANCE W</b> | 85W-140            |         |           | VOLVO 97310 · ZF TE-ML 05A, 12E, 16D, 21A<br>DAF API GL-5 · MIL-L-2105 D · SCANIA STO 1:0   |
| <b>ENDURANCE</b>   | 90                 |         | GL 5      | US MIL-L-2105 D · FORD SQM-2C-9002 AA<br>MAN 342 M1 · VOLVO 97310 · MB 235.0<br>ZF TE ML-05A/07A/08/16B/16C/17B/19B /21A  |
| <b>ENDURANCE</b>   | 140                |         |           | -   |

## **CVT & DCT RANGE**

| Name<br>PRODUCT                   | VISCOSITY<br>Grade | NATURE         | QUALITY LEVEL<br>of Manufacturers   |
|-----------------------------------|--------------------|----------------|---|
| <b>ATF MAXIMA CVT</b>             | -                  | 100% Synthetic | Volkswagen/Audi P/N G-052-180 (-A2) · Volkswagen/Audi P/N G-052-516 A2<br>Chrysler Mopar CVTF+4, P/N 05191184AA<br>HONDA CVTF, P/N 08200-9006, HMMF (without start clutch)<br>NISSAN CVT fluid NS-3, NS-2, NS-1 / NISSAN Matic W<br>SUBARU Lineartronic, P/N K0425Y0710, e-CVTF, i-CVTF, CV-30<br>Suzuki CVT fluid Green 1, Green 2 · TOYOTA CVTF-FE<br>Mercedes Benz CVT28, MB 236.20  |
| <b>ATF MAXIMA DCT</b>             | -                  | 100% Synthetic | DCT TYPE<br>VW/AUDI 7DCI600 (GS7D365G)<br>VW/AUDI DQ250 (O2E) · DQ500 (OBT)<br>DCT (WET CLUTCH)<br>BMW P/N 83220440214 · VW P/N G 052 182 A2  |
| <b>ATF MAXIMA DC<br/>TBD 8322</b> | -                  | 100% Synthetic | Daimler MB 239.21, MB 236.21 7G-DCT · PSA 9734 · S2 VOLVO 1161838<br>FORD WSS-M2C936-A · MITSUBISHI DIA QUEEN SSTF-1<br>GETRAG (PWA05043) GETRAG 7DCI600, 7DCT300, 6DCT450, 6DCT651 Great Wall<br>7DCT450 (hybrid), 7DCT300 (hybrid), 7DCT450 G2 (hybrid) Geely JL-7DCT330F<br>(hybrid), 7DCTH390 (hybrid)<br>BMW 83 22 0 440 214/83 22 2 147 477/83 22 2 148 578<br>BMW 83 22 2 148 579/83 22 2 446 673 · VW TL 52 182 (G 052 182)/DQ400E<br>(hybrid)/DQ250, DQ500, VW DQ380 |

## **RANGO CHF RANGE**

| Name<br>PRODUCT  | VISCOSITY<br>Grade | NATURE         | QUALITY LEVEL<br>of Manufacturers  |
|------------------|--------------------|----------------|--|
| <b>LHM</b>       | -                  | Mineral        | UNE 26-090-88 · ISO 7308   |
| <b>POWER CHF</b> | 11                 | 100% Synthetic | CHRYSLER MS-11655B · BENTLEY JNV862564F<br>EvoBus 39.060-001 · MAN M 3289 · MB 345.0 · PSA S71 2710<br>BMW 81 22 9 407 758/ 82 11 1 468 041/83 29 0 429 576<br>FENDT X 902 011 622 · ZF TE-ML 02K (ZF000832)<br>IVECO 18-1807 CLASSE APU · VW TL 52 146 (G 002 000)<br>OPEL B 040 0070 · FORD M2C204-A · PORSCHE 000 043 203 33<br>SAAB 3032 380 · VOLVO 1161529 |



# ATF RANGE

| Name PRODUCT                   | NATURE         | QUALITY LEVEL of Manufacturers  |
|--------------------------------|----------------|---|
| <b>ATF GLOBAL MULTI</b>        | 100% Synthetic | ALISON C4 · MB 236.10/236.11 · JASO 1A LV · MAN 339A<br>VOLVO P/N 1161521 / P/N 1161540/1161640<br>BMW 81229400272/275 / 81229407858/859<br>CHRYSLER / DODGE / JEEP +2/+3/+4 / SP-III · Toyota ATF T-III / IV<br>HYUNDAI / KIA NWS-9638 T-5 / SP-IV / SPH - IV / SP-IV-RR<br>JAGUAR JLM 20238/20292/21044 · MAZDA F-1/ TYPE T-IV<br>NISSAN / INFINITY MATIC - D/J/K/S/W · VW G 055 025 A2/G 052 162/G US 000162 |
| <b>ATF GLOBAL 295HV</b>        | 100% Synthetic | ALLISON 295/389 · VOLVO 1273,41/ 97342<br>HONDA Z-1 · VOITH H55.6335.XX<br>MB 236.5/236.6/236.7/236.8/236.81/236.9/236.91<br>JASO 1A · HYUNDAI SP-II/SP-III/JWS-3309 T-4<br>TOYOTA TYPE D-II/T-T-III/T-IV<br>ZF TE-ML 11A, 11B  |
| <b>ATF DRAIVER DEXRON VI</b>   | 100% Synthetic | GM DEXRON VI<br>FORD MERCON LV<br>JASO 1A LV<br>VW G 052 162 (LIFEGUARD FLUID Z5)   |
| <b>ATF DRAIVER DEXRON IIIH</b> | 100% Synthetic | ALLISON C-4 Fluids, ALLISON TES, 389 · CATERPILLAR TO-2 Fluids<br>CHRYSLER transmissions prior to CHRYSLER MS-9602 or MS-7176<br>FORD MERCON®; FORD M2C138-CJ, M2C 166-H Fluids<br>GM DEXRON® III-H, III-G, III-F, III-E, III-D · MAN 339 Z1 and V1, Z2 and V2<br>MB 236.1, 236.5/236.6/236.7/236.9 · VOITH 55,6335 and 55,6336<br>VOLVO 97340/97341<br>ZF TE-ML 02F, 03D, 04D, 09, 11A/B, 14A/B, 16L, 17C      |
| <b>ATF DRAIVER DEXRON IID</b>  | Mineral        | GM DEXRON II D<br>MB 236.9<br>MAN 339 V-1/339 Z-1<br>VOITH H55.6335<br>ZF TE-ML 03D/04D/11A/14A/17C<br>ALLISON C-4<br>FORD MERCON   |
| <b>ATF MAXIMA 134A</b>         | 100% Synthetic | MB 236.14<br>SFU (suitable for use) : MB 236.1/6/7/9/10/12<br>SSANGYONG<br>(MB-Automatic transmissions)   |
| <b>ATF MAXIMA 236.15</b>       | 100% Synthetic | MB 236.15<br>Recomendaciones:<br>MB A 001 989 78 03 / MB A 001 989 77 03<br>ATF 7134 FE, ATF 134 FE, ATF 134 ME   |
| <b>ATF MAXIMA 236.17</b>       | 100% Synthetic | MB 236.17   |
| <b>ATF SPEED Z6</b>            | 100% Synthetic | ZF 6HP19/19X/19X-Q7/21/21X/26/26A61<br>26A61-W12/26X/28/28A61/28AF/28X/32/32A/32X<br>BMW 83220142516/83220397114<br>JAGUAR Fluid 8432 · VW G055005 G 055 005<br>CHRYSLER 68157995AA<br>LAND ROVER TYK500050<br>AML Oil No. 4G4319A509-AA-S  |
| <b>ATF SPEED Z8</b>            | 100% Synthetic | ZF 8 HP<br>AUDI / VW Oil No. G 060162 A1 / A2 / A6 ATF<br>CHRYSLER 68157995AA<br>JAGUAR 02JDE26444<br>BMW 83222152426/83 22 2 289 720<br>FIAT 9.55550AV5<br>LAND ROVER LR023288 · VW 060 16   |



Lubricants for  
**AGRICULTURAL**  
transmissions



# UTTO RANGE

| Name<br>PRODUCT           | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS    |      | QUALITY LEVEL<br>of Manufacturers  |
|---------------------------|--------------------|----------------|-------------------|------|--|
|                           |                    |                | API/ILSAC         | ACEA |  |
| UTTO FARMER               | 10W-30             | Mineral        | API GL-4(SAE 80W) | -    | ALLISON C4 · CATERPILLAR TO-2<br>JOHN DEERE JDM J20C<br>JI CASE MS 1207 / MS 1206 / MS 1209 / IH B6<br>NEW HOLLAND FNHA-2-C-201.00<br>CNH MAT 3525, 3526<br>MASSEY FERGUSON MF 1129A / MF 1135 / MF 1143<br>FORD M2C86-B/C, M2C134-D, FORD M2C48-C3<br>WHITE FARM AGCO Q-1826<br>VOLVO WB 101<br>ZF TE-ML 03E, 05F, 06K, 17E, 21F  |
|                           | 20W-30             |                | API GL-4          |      | ALLISON C-4 · JOHN DEERE JDM J20C<br>CASE MS 1206, 1207, 1209, 1210, 1230<br>CNH MAT 3505, 3506, 3509, 3525, 3526<br>MASSEY FERGUSON CMS M 1141, 1135<br>AGCO POWERFLUID 821 XL · WHITE FARM AGCO Q-186<br>FNHA-2-C-200.00 / -201.00<br>FORD M2C48C3, ESN M2C86-B/C, M2C134-D<br>NH 420-A<br>SAE J300: 20W-30 SAE J306: 80W-85<br>CLAAS / SAME-TRANSMISSION/ LANDINI/ DEUTZ-FAHR FENDT   |
| UTTO FARMER LZS           | -                  | Mineral        | API GL-4          | -    | ALLISON C-4 · CATERPILLAR TO-2<br>JOHN DEERE JDM J20D<br>CASE MS 1210, 1209, 1207, 1206, 1205, 1204<br>CNH MAT 3505, 3506, 3525<br>MASSEY FERGUSON CMS M 1145, 1143, 1141, 1135<br>FORD ESN M2C41-B, M2C53-B, M2C92-A, M2C134-D<br>FNHA-2-C-201.00 · KUBOTA UDT FLUID<br>VOLVO VME WB 101<br>SAE J306: 75W<br>ZF TE-ML 03E, 05F, 06K, 17E, 21F   |
| UTTO MAXIMA<br>FARMER LZS | 10W-30             | 100% Synthetic | API GL-4          | -    | SAE J 306: 75W-80 · ALLISON C-4<br>MASSEY FERGUSON CMS 1145/ 1143/1141/1135/1129A<br>CASE NEW HOLLAND CNH MAT 3525/3506/3505/3540 (CVT)<br>JI CASE MS 1207 / MS 1206 / MS 1209 / MS 1210 / IH B6<br>JOHN DEERE JDM J20C/ JOHN DEERE JDM J20D<br>AGCO CVT ML 200 · KOMATSU AXO 80 (KES 07.866)<br>FORD ESN M2C134-D, FORD ESN M2C86-B/C, FORD M2C48-C3<br>KUBOTA UDT Fluid, Super UDT 2<br>VOLVO VME WB 102<br>ZF TE-ML 03E, 03F, 05F, 06K, 17A, 17B, 21F |

# STOU RANGE

| Name<br>PRODUCT | VISCOSITY<br>Grade | NATURE         | SPECIFICATIONS                                    |         | QUALITY LEVEL<br>of Manufacturers   |
|-----------------|--------------------|----------------|---|---------|---|
|                 |                    |                | API/ILSAC   | ACEA    |   |
| STOU AGRO       | 10W-30             | Mineral        | API CF-4, CG-4/SF<br>API GL-4                     | ACEA E7 | JOHN DEERE J27<br>MASSEY FERGUSON CMS 1145, 1144, 1139<br>ALLISON C4<br>FORD M2C159B<br>ZF TE ML 06A, 06B, 06C, 06D, 07B<br>CATERPILLAR TO-2<br>MAN 271<br>MIL-L-2104D<br>MB 227.1 / MB 228.1   |
|                 | 15W-40             |                |   |         |   |
| STOU MAXIMA     | 10W-40             | Synthetic      | API CI-4<br>API GL-3/GL-4/API GL5<br>in tractors* | ACEA E7 | MAN 3275 AFNOR NFE 48603 HV<br>ALLISON C-4<br>CASE MS 1207, 1209, 1210, 1230, CNH MAT 3505, 3509, 3525, 3526<br>FNHA-2C-200.00, 201.00<br>FORD M2C48-C3, M2C86-B, M2C134-D, M2C159-B/C<br>JOHN DEERE JDM J20 C<br>NEW HOLLAND 82009201/2/3<br>NH030C, NH330G, NH330H, NH410B, NH420A, NH526C<br>MASSEY FERGUSON CMS M 1145 (1135/1139/1143/1144)<br>ZF TE-ML 06A, 06B, 06C, 06F, 06L, 07B * no HOLMER |
| STOU ST         | 10W-40             | Semi-Synthetic | API CF-4, CG-4/SF<br>API GL-4                     | ACEA E7 | JOHN DEERE J27<br>MASSEY FERGUSON CMS 1145, 1144, 1139<br>ALLISON C4 · FORD M2C159B<br>ZF TE ML 06A, 06B, 06C, 06D, 07B<br>CATERPILLAR TO-2<br>MAN 271 · MIL-L-2104D<br>MB 227.1/ MB 228.1  |



# GREASES LUBRICANTS



## For **AUTOMOTIVE**, **MARINE**, and **MACHINERY** applications

| GREASES LUBRICANTS          | NATURE         | DESCRIPTIONS   |
|-----------------------------|----------------|--|
| Name PRODUCT                |                |  |
| <b>GRASASH AUTO 778A</b>    | Synthetic      | LITHIUM COMPLEX + SYNTHETIC OIL<br>Lithium grease for low temperatures.<br>Complies with VW and FORD 778-A standards.<br>Operating temperature -60 to 150°C.<br>Applications: Mechanisms and automotive components approved under standard 778-A.              |
| <b>GRASASH BM MOLIX</b>     | Mineral        | LITHIUM + MOLYBDENUM DISULFIDE<br>Excellent anti-wear and antioxidant capacity.<br>Solid EP additives.<br>Operating temperature -20 to 120°C.<br>Applications: Caterpillar, Hitachi, Liebherr, Volvo, Komatsu machinery<br>DIN 51825; KPF 2K-20.               |
| <b>GRASASH C2</b>           | Mineral        | CALCIUM<br>Multifunctional grease with high mechanical stability, good shear resistance. Anti-corrosive properties.<br>Operating temperature -20 to 100°C.<br>Applications: Ball, roller, and needle bearings.<br>DIN 51825; K 2G-20.                          |
| <b>GRASASH GRAFOX</b>       | Mineral        | ALUMINUM COMPLEX + GRAPHITE<br>Special solid lubricant grease for the lubrication of manual gears. EP.<br>Operating temperature -20 to 120°C.<br>Applications: Open gears, ball mills, rotary kilns, crane cables.   |
| <b>GRASASH GRANCOS 900</b>  | Mineral        | ALUMINUM COMPLEX + COPPER. MINERAL OIL<br>Specially formulated for hydraulic and pneumatic hammers.<br>Solid EP additives.<br>Operating temperature -15 to 1100°C.<br>Applications: Penetration and impact operations on stone and concrete.<br>High severity. |
| <b>GRASASH L2</b>           | Mineral        | LITHIUM E.P.<br>Good pumpability at low consistencies.<br>Good shear resistance.<br>Operating temperature -25 to 120°C.<br>Applications: Overloaded bearings, centralized lubrication.<br>DIN 51825 KP 2K-20.  |
| <b>GRASASH MARINE</b>       | Semi-Synthetic | LITHIUM-CALCIUM + SEMI-SYNTHETIC OIL<br>Great anti-corrosive power, excellent sealing, ideal for mechanisms in humid and marine environments.<br>Operating temperature -10 to 110°C.<br>Applications: Bearings and surfaces exposed to direct water action.    |
| <b>GRASASH MAXIMA 152WR</b> | Mineral        | CALCIUM SULFONATE<br>Calcium sulfonate grease with great anti-corrosive capacity and high performance.<br>Operating temperature -25 to 160°C.<br>Applications: Operations requiring a grease with high overall resistance.<br>DIN 51825; KP 2N-10.             |
| <b>GRASASH SCL00</b>        | Mineral        | LITHIUM E.P.<br>For centralized lubrication and gear reducers.<br>Soft consistency NLGI 00.<br>Operating temperature -25 to 120°C.<br>Applications: Overloaded bearings, centralized lubrication.<br>DIN 51502 GP · 00G-20.                                    |



## ***For INDUSTRIAL, PRODUCTION, and MAINTENANCE applications***

| GREASES LUBRICANTS          | NATURE    | DESCRIPTIONS  |
|-----------------------------|-----------|---|
| Name PRODUCT                |           |   |
| <b>GRASASH COMPLEX L2A</b>  | Mineral   | LITHIUM COMPLEX + MINERAL OIL<br>Multifunctional lithium grease for high temperatures.<br>Operating temperature -30 to 150°C.<br>Applications: General lubrication in medium-high temperature environments.   |
| <b>GRASASH COMPLEX 170A</b> | Mineral   | LITHIUM COMPLEX + MINERAL OIL<br>Lithium grease with special adhesion for high temperatures.<br>Operating temperature -15 to 170°C.<br>Applications: Mechanisms with high loads and vibrations. Up to temperatures of 200°C.                          |
| <b>GRASASH COMPLEX S150</b> | Synthetic | LITHIUM COMPLEX + SYNTHETIC OIL<br>Special synthetic grease for high speeds. Excellent adhesion and shear stability.<br>Operating temperature -55 to 150°C.<br>Applications: Machine tool heads. High-speed bearings and spindles.                    |
| <b>GRASASH COMPLEX S180</b> | Synthetic | LITHIUM COMPLEX + SYNTHETIC OIL<br>High performance and very wide temperature range.<br>Water and steam resistance.<br>Operating temperature -40 to 180°C.<br>Applications: Bearings under severe load conditions.<br>Minimal need for relubrication. |
| <b>GRASASH MAXIMA MOLIX</b> | Mineral   | CALCIUM SULFONATE + MOLYBDENUM DISULFIDE<br>High performance, great anti-corrosive capacity, and high workload.<br>Operating temperature -25 to 160°C.<br>Applications: Bearings, cables, and rolling mill chains in aggressive environments.         |
| <b>GRASASH METAL BRAID</b>  | Mineral   | INORGANIC + MINERAL OIL + S2 MO<br>Highly corrosion-resistant fluid grease, penetrating with solid lubricants.<br>Operating temperature -10 to 150°C.<br>Applications: Lubrication of metal cables.<br>Dry lubrication up to 450°C.                   |
| <b>GRASASH PASTE 1100</b>   | Mineral   | INORGANIC + MINERAL OIL<br>Copper anti-seize paste. High anti-corrosive capacity. Total permanence.<br>Operating temperature -15 to 1100°C.<br>Applications: Protection of all types of bolts and threaded connections.                               |
| <b>GRASASH POLY T180</b>    | Synthetic | POLYUREA + SYNTHETIC OIL<br>Multipurpose high-temperature grease. Up to 220°C. High viscosity index.<br>Operating temperature -50 to 180°C.<br>Applications: Machine tool heads.<br>High-speed bearings and spindles.                                 |
| <b>GRASASH POLY T200</b>    | Synthetic | POLYUREA + SYNTHETIC OIL<br>Polyurea grease with synthetic oil, long-lasting, for high temperatures and heavy loads.<br>Operating temperature -20 to 200°C.<br>Applications: Oven bearings and/or high levels of contamination.                       |



## ***For HIGH-PERFORMANCE applications***

| GREASES LUBRICANTS              | NATURE         | DESCRIPTIONS  |
|---------------------------------|----------------|---|
| Name PRODUCT                    |                |   |
| <b>GRASASH COMPLEX ELECTRON</b> | Synthetic      | <p>LITHIUM COMPLEX + SYNTHETIC OIL<br/>                     Lubrication and anti-corrosive protection.<br/>                     High conductivity.<br/>                     Operating temperature -70 to 130°C.<br/>                     Applications: Lubrication and protection of electrical contacts.<br/>                     Electronic circuits.</p>   |
| <b>GRASASH PASTE 1180</b>       | Mineral        | <p>INORGANIC + MINERAL OIL + ALUMINUM POWDER<br/>                     Copper-free anti-seize paste. Anti-corrosive.<br/>                     High conductivity.<br/>                     Operating temperature -15 to 1180°C.<br/>                     Applications: Protection against seizing, corrosion, and galling. Assembly<br/>                     and disassembly of treated parts.</p>  |
| <b>GRASASH SUPREME T100</b>     | Synthetic      | <p>INORGANIC + SYNTHETIC OIL + S2 MO<br/>                     High temperature resistance. Excellent anti-corrosive<br/>                     and anti-wear properties.<br/>                     Operating temperature -35 to 220°C.<br/>                     Applications: Steel bearings, wagon wheels, electric motors.</p>   |
| <b>GRASASH SUPREME T200</b>     | Semi-Synthetic | <p>INORGANIC + SEMI-SYNTHETIC OIL + SOLIDS<br/>                     Stability under very high loads. Water repellent. Extreme adhesion.<br/>                     Operating temperature -10 to 150°C.<br/>                     Applications: Lubrication of all types of open gears and slewing rings.</p>   |
| <b>GRASASH SUPREME T300</b>     | Mineral        | <p>ORGANIC POLYESTER + FLUORINATED<br/>                     Excellent resistance to oxygen, chemical agents, and high temperatures. Unalterable.<br/>                     Operating temperature -25 to 260°C.<br/>                     Applications: Bearings in critical conditions. Extremely high temperatures and<br/>                     aggressive environments.</p>   |
| <b>GRASASH SUPREME T400</b>     | Mineral        | <p>ORGANIC POLYESTER + FLUORINATED<br/>                     Unalterable against synthetic materials and elastomers. Resistant to oxygen,<br/>                     chemicals, and high temperatures. Operating temperature -25 to 280°C.<br/>                     Applications: In general, where a long-lasting lubricant is required under conditions<br/>                     of extremely high temperatures and aggressive environments.</p> |
| <b>GRASASH SUPREME T500</b>     | Mineral        | <p>PTFE + PTFE OIL<br/>                     White and homogeneous grease, based on fluorinated polyester. Exceptional<br/>                     chemical and high-temperature stability. Operating temperature -25 to 260°C.<br/>                     Applications: Bearings in critical conditions: corrugated cardboard, transport chains<br/>                     in drying facilities, kiln wagons.</p>                                      |



## ***For low environmental impact and BIODEGRADABLE***

| GREASES LUBRICANTS      | NATURE  | DESCRIPTIONS  |
|-------------------------|---------|---|
| Name PRODUCT            |         |   |
| <b>GRASASH BIO E200</b> | Mineral | LITHIUM HYDROXYSTEARATE + NATURAL ESTER<br>CEC L33-A-93 biodegradability test. Minimum 80%.<br>Operating temperature -25 to 120°C.<br>Applications: Bearing lubrication. High sealing capacity.   |
| <b>GRASASH BIO E300</b> | Mineral | LITHIUM HYDROXYSTEARATE + NATURAL ESTER<br>CEC L33-A-93 biodegradability test. Minimum 80%.<br>Operating temperature -25 to 120°C.<br>Applications: Lubrication of multipurpose mechanisms.<br>High pumpability.  |
| <b>GRASASH BIO E400</b> | Mineral | LITHIUM HYDROXYSTEARATE + NATURAL ESTER + GRAPHITE<br>CEC L33-A-93 biodegradability test. Minimum 80%.<br>Operating temperature -30 to 80°C.<br>Applications: Bearings and mechanisms with loads.<br>Tracks, guides, and telescopic systems. NLGI 2.        |
| <b>GRASASH BIO E600</b> | Mineral | LITHIUM HYDROXIESTEAREATE + NATURAL ESTER + GRAPHITE<br>Biodegradability test CEC L33-A-93. Min 80%.<br>Work Temperature -30 to 80°C.<br>Applications: Automatic lubrication lines and systems. Excellent pumpability.<br>Railroad tracks. Forest industry. |



# AUXILIARY

products



# ANTIFREEZE and WINDSHIELD CLEANERS

| ANTIFREEZE and WINDSHIELD CLEANERS   | COLOR                   | QUALITY LEVEL<br>of Manufacturers  | DESCRIPTIONS   |
|--------------------------------------|-------------------------|--|--|
| Name PRODUCT                         |                         |  |  |
| <b>LUBCOLD ORGANIC 10%</b>           | Fluorescent green<br>●  | UNE 26.361.88<br>ASTM D-3306<br>BS 6580  | Ready-to-use antifreeze coolant, formulated with ethylene glycol and protective additives for closed circuits in light and heavy vehicles, buses, machinery, and stationary engines. Especially recommended for high-pressure aluminum engines due to its high resistance to elevated temperatures. Not suitable for domestic heating systems. |
| <b>LUBCOLD ORGANIC 30%</b>           | Green<br>●              | UNE 26.361.88 · ASTM D-3306/D-4985<br>BS 6580 · SAE J 1034, J 814 Y J 1941<br>MB-APPROVAL 325.3 · FORD WSS-M97B44-D<br>GENERAL MOTORS GM 6277M<br>VOLKSWAGEN VW 774 F · DEUTZ DQC CB-14<br>MAN 324 TIPO SNF · DAF 74002<br>CATERPILLAR A4.05.09.01<br>RENAULT TRUCKS 41-01-001/--S TYPE D  | Ready-to-use antifreeze coolant, formulated with ethylene glycol and organic additives to protect cooling systems in vehicles and machinery. Especially recommended for high-pressure aluminum engines. Not suitable for domestic heating systems.   |
| <b>LUBCOLD G12/G12+ 50%</b>          | Pink<br>●               | <b>LIGHT VEHICLES:</b><br>UNE 26-361-88 · ASTM D-3306<br>ASTM D-4985-94<br>FORD WSS-M97B44D<br>FIAT 9.55523 · SAE J 1034/91<br>GENERAL MOTORS 6277M<br>MB 325.3<br>PSA PEUGEOT-CITROËN B71-5110<br>RENAULT 41-01-001/Q type d<br>NISSAN · BS 6580<br>HONDA HES D2009-75 BS 6580  | Ready-to-use antifreeze coolant fluid, formulated with ethylene glycol and organic additives to protect closed circuits in vehicles and machinery. Recommended for high-pressure aluminum engines. Not suitable for domestic heating systems.  |
|                                      |                         | <b>HEAVY VEHICLES:</b><br>DAF 74002 · DETROIT DIESEL · ISUZU<br>DEUTZ 0199-99-115 · KOBELCO<br>LIEBHERR MD1-36-130<br>DEUTZ/MWM 0199-99-2091 · VOLVO VCS<br>LEYLAND TRUCKS DW03245403<br>MAN 324 TYPE SNF · KOMATSU 07.892<br>MB 325.3 – MB 326.3<br>MTU MTL 5048 · SCANIA TB 1451<br>RENAULT TRUCKS 41-01-001/S TYPE D<br>CATERPILLAR-MAK A4.05.09.01   |  |
| <b>LUBCOLD G12 EVO 50%</b>           | Pink<br>●               | VOLKSWAGEN GROUP TL 774-L/G-12 EVO (AUDI, VW, SEAT, SKODA)<br>UNE 26-361-88 · ASTM D-3306-00 · ASTM D-4985-94<br>FORD WSS-M97B44D · MB 325.3 · FIAT 9.55523 · SAE J 1034/91<br>GENERAL MOTORS 6277M<br>PSA PEUGEOT-CITROËN B71-5110<br>RENAULT 41-01-001/Q-TYPE D<br>NISSAN BS 6580 · DAF 74002<br>HONDA HES D2009-75 · DETROIT DIESEL · DEUTZ 0199-99-1115<br>LEYLAND TRUCKS DW03245403<br>ISUZU · MAN 324 TYPE SNF<br>MB 325.3 · MB 326.3 · MTU MTL 5048 · VOLVO VCS<br>RENAULT TRUCKS 41-01-001/S TYPE D<br>SCANIA TB 1451 · CATERPILLAR-MAK A4.05.09.01<br>KOBELCO · KOMATSU 07.892<br>LIEBHERR MD1-36-130 | Ready-to-use antifreeze coolant, formulated with ethylene glycol and organic additives to protect closed circuits in vehicles and machinery. Ideal for high-pressure, high-temperature aluminum engines. Not suitable for domestic heating systems.  |
| <b>LUBCOLD PURO 100%</b>             | Fluorescent yellow<br>● | AS 2108-2004, ASTM D 3306, ASTM D 4985, ASTM D 6210<br>SAE J1034, ÖNORM V 5123, CUNA NC 956-16, JIS K 2234:2006<br>MAN 324 TYPE SI-OAT<br>SANS 1251:2005, SH 0521-1999 AND BS 6580:2010<br>VW / AUDI / SEAT / SKODA TL 774-G (G12++)<br>LAMBORGHINI / BENTLEY / BUGATTI<br>MB 325.0 MB 325.5 MB 326.5 MB 326.0 MB 326.6<br>CUMMINS CES 14603 · DEUTZ DQC CC-14<br>LIEBHERR MINIMUM LH-01 COL3A · SCANIA TB 145<br>DILUIDO AL 50%. SUPERA LOS NIVELES G-12/G-12+  | Concentrated antifreeze coolant, formulated with ethylene glycol and SI-OAT technology, free from nitrites, amines, and phosphates. Suitable for Euro 6 engines and recommended for cooling systems in high-pressure aluminum engines. Not suitable for domestic heating systems.  |
| <b>LUBCOLD LP -10°C</b>              | Blue<br>●               | -  | Windshield washer fluid specially designed for cleaning car windshields. Provides moderate frost protection (-10°C). Ready to use.   |
| <b>SASHCOLD SFP LIMPIAPARABRISAS</b> | Blue<br>●               | -  | Open the reservoir cap.<br>Place the unopened bag inside the reservoir, move the filter if necessary to insert it.<br>Add water until the reservoir is full.   |



## ***BRAKE CLEANER / DOT-4***

| BRAKE CLEANER      | QUALITY LEVEL<br>of Manufacturers   | DESCRIPTIONS  |
|--------------------|---|---|
| Name PRODUCT       |   |   |
| BRAKE-CLEAN MAXIMA | -   | -   |
| DOT-4              | ISO-4925 - CLASE 6 · SAE J 1703 y SAE J 1704<br>FMVSS 116 (DOT 3 y 4) · FMVSS 116 (DOT 3 y 4)<br>FIAT 9.55597 · MB-331.0 · CUNA NC 956 - 01<br>CORROSION TEST ---- VW : RENAULT : PSA | LITHIUM COMPLEX + SYNTHETIC OIL<br>Lubrication and anti-corrosive protection. |

## ***PENETRATING OIL UNBLOCKING ANTIOXIDANT PROTECTOR***

| BRAKE CLEANER  | DESCRIPTIONS   |
|----------------|--|
| Name PRODUCT   |  |
| AFLOSH - DOBEL | PROTECTOR<br>Multi Penetrating Oil Antioxidant. <b>Red color</b> |

## ***CLEANING ABSORBENTS***

| BRAKE CLEANER   | DESCRIPTIONS |
|-----------------|--------------|
| Name PRODUCT    |              |
| SEPIOLITA 15/30 | EXTRA        |

## ***FOR CLEANING THERMAL CIRCUITS***

| BRAKE CLEANER       | DESCRIPTIONS  |
|---------------------|---|
| Name PRODUCT        |   |
| LIMEMUL CONCENTRATE | Recommended cleaning dosage: 2% to 5%.<br>Recommended maintenance dosage: 0.5% to 1%. |



## ***SANITIZERS / DEGREASERS***

| <b>SANITIZERS / DEGREASERS</b>  |   |
|---------------------------------|---|
| <b>Name PRODUCT</b>             | <b>DESCRIPTIONS</b>   |
| <b>WS 3527 S</b>                | <p>Combines cleaning and hygiene properties with excellent synergy.<br/>                     (Skin, glasses, helmets, railings, doorknobs, car steering wheels, office furniture, home, toys, etc.).<br/>                     Spray/Aerosol.<br/>                     Specific disinfectant cleaner.</p>  |
| <b>ELITE PASTA XP</b>           | <p>Medium severity for heavy dirt. Approximately 200 APPLICATIONS.<br/>                     Traditional hand cleaner paste with natural abrasive, containing glycerin.<br/>                     RECOMMENDED FOR: GREASY DIRT – Grease, Oil, Lubricants, Hydrocarbons, Bitumen.</p>  |
| <b>ELITE CREAM</b>              | <p>High severity against dirt. Approximately 1175 APPLICATIONS.<br/>                     Hand cleaner cream with natural microbeads.<br/>                     RECOMMENDED FOR:<br/>                     GREASY DIRT – Grease, Oil, Lubricants, Hydrocarbons, Bitumen.<br/>                     DRY DIRT – Fresh Paint, Enamel, Silicone, Graphite, Glue, Mold, Resin...</p> |
| <b>SOPORTE PARED ELITE 5KGS</b> | <p>RECOMMENDED FOR: ELITE CREAM / ELITE TOPGIEN</p>   |

## ***ADDITIVES FOR AUTOMOTIVE***

| <b>SANITIZERS / DEGREASERS</b>    |   |
|-----------------------------------|---|
| <b>Name PRODUCT</b>               | <b>DESCRIPTIONS</b>   |
| <b>ANTIFREEZING FOR DIESEL</b>    | <p>Antifreeze – Anti-Smoke Additive for Diesel.<br/>                     This additive is specially designed for diesel, with the ability to enhance fuel service performance.</p>  |
| <b>FOR DIESEL</b>                 | <p>Diesel Anti-Smoke Additive.<br/>                     The additive is formulated to prevent freezing caused by the presence of waxes in the oil and to prevent black smoke from combustion. This additive is specially designed for diesel, with the ability to enhance fuel service performance.</p> |
| <b>ADITIVE DIESEL FUNGI-8417B</b> | <p>Special Additive for Diesel FUNGICIDE / BACTERICIDE<br/>                     Excellent high-quality additive for diesel, with powerful fungicidal and bactericidal properties.</p>   |





# POWERBOOST

additives

# POWERBOOST ADDITIVES



**NEW**

| POWERBOOST ADDITIVES                      |   |
|---|---|
| Name PRODUCT                              | DESCRIPTIONS  |
| <b>PCX 200 OCTANE BOOSTER</b>             | High-performance package tested in motorsports. Increases gasoline octane rating, optimizes combustion, improves fuel efficiency, torque, and acceleration. Cleans the fuel system and injectors, preventing costly repairs, and protects exhaust valves in classic cars.           |
| <b>PCX 600 PETROL INJECTOR CLEANER</b>    | Removes deposits from injectors, valves, spark plugs, and combustion chamber, preventing their formation. Improves starting, smooths engine operation, and protects against corrosion. Optimizes performance, compression, and emissions, reducing fuel consumption and pollutants. |
| <b>PCX 500 DIESEL SYSTEM CLEANER</b>      | Formulated for high-pressure diesel engines, it enhances lubrication and cleaning, protects against wear, and optimizes precision injectors. Improves cold combustion and reduces exhaust gas odors.  |
| <b>PCX 800 CETAN BOOSTER</b>              | Cetane booster to improve fuel combustibility. Increases the cetane number of diesel fuel by up to 5 points. Recommended for lower-quality fuels and during the winter season.  |
| <b>PCX DPF PREMIUM</b>                    | Optimizes combustion, reduces soot and emissions, and extends the lifespan of diesel particulate filters. Ideal for vehicles on short and urban trips, it prevents blockages and costly repairs with regular use.   |
| <b>TMX 1500 CERAMIC ADDITIVE</b>          | Suspension of solid micro-ceramic lubricant based on hexagonal boron nitride (BN). Reduces friction and wear, preventing metal-to-metal contact. With particles <math><0.5 \mu\text{m}</math>, it ensures optimal flow and compatibility with all commercial engine and gear oils.  |
| <b>TMX EFA500 ENGINE FLUSH</b>            | Highly effective detergent and dispersant additives remove soluble and insoluble deposits, suspending them for removal during the next oil change. Ensures a clean engine for maximum performance of fresh oil.   |
| <b>TMX SS300 OIL PERFORMANCE IMPROVER</b> | High-performance additive that stabilizes oil viscosity, protects against mechanical loss, and prevents thinning under extreme conditions and frequent cold starts.   |
| <b>TMX USL700 RADIATOR SEAL</b>           | Seals fine cracks and small leaks in water-cooled engine cooling systems. Useful as a preventive measure after repairs. Contains a stabilized dispersion of solids in a carrier fluid.  |



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