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**Olex**

**Engine Oils & Lubricants  
(Car & Marine)**



## Automobile Lubricants

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- GASOLINE & DIESEL ENGINE OILS
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## Marine Lubricants

# 05

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## Automobile Lubricants

### GASOLINE & LPG ENGINE OILS

| LUBRICANTS        | SAE    | API ILSAC | specific gravity<br>15/4°C | VISCOSITY (mm <sup>2</sup> /s) |       | POUR POINT (°C) | FLASH POINT COC (°C) | APPLICATION   |
|-------------------|--------|-----------|----------------------------|--------------------------------|-------|-----------------|----------------------|---|
|                   |        |           |                            | 40°C                           | 100°C |                 |                      |   |
| Olex Super 0W-20  | 0W-20  | SP/GF-6A  | 0.847                      | 46.4                           | 8.8   | -45             | > 200                | <b>100% synthetic oil using PAO and VHVI based</b> <ul style="list-style-type: none"> <li>· Avoiding LSPI (Low Speed Pre-Ignition)</li> <li>· Extended oil exchange cycle and improved fuel efficiency</li> <li>· Excellent low-temp. starting and engine cleanliness</li> </ul> ▶ All petrol / LPG engine vehicles |
| Olex Super 0W-30  | 0W-30  | SP/GF-6A  | 0.85                       | 54.7                           | 10.2  | -45             | > 200                |   |
| Olex Super 0W-40  | 0W-40  | SP/GF-6A  | 0.848                      | 77.85                          | 14.3  | -42             | > 220                |   |
| Olex Super 5W-20  | 5W-20  | SP/GF-6A  | 0.85                       | 48.9                           | 8.5   | -39             | > 200                | <b>VHVI based synthetic engine oil</b> <ul style="list-style-type: none"> <li>· Avoiding LSPI (Low Speed Pre-Ignition)</li> <li>· Extended oil exchange cycle and improved fuel efficiency</li> <li>· Excellent engine cleanliness and durability</li> </ul> ▶ All petrol / LPG engine vehicles                     |
| Olex Super 5W-30  | 5W-30  | SP/GF-6A  | 0.852                      | 63.8                           | 10.7  | -39             | > 200                |   |
| Olex Super 5W-40  | 5W-40  | SP/GF-6A  | 0.852                      | 84.5                           | 13.8  | -39             | > 210                |   |
| Olex Super 10W-30 | 10W-30 | SP/GF-6A  | 0.854                      | 63.7                           | 10.1  | -39             | > 210                |   |
| Olex Super 10W-40 | 10W-40 | SP/GF-6A  | 0.872                      | 102.7                          | 15.0  | -36             | > 210                |   |

※ With maximum fuel economy, the 0W-20 & 5W-20 products are better suited for hybrid vehicles with higher fuel economy and composite engine oil applications that improve flow characteristics.

### GASOLINE & DIESEL ENGINE OILS

| LUBRICANTS          | SAE   | API ACEA | specific gravity<br>15/4 °C | VISCOSITY (mm <sup>2</sup> /s) |        | POUR POINT (°C) | FLASH POINT COC (°C) | APPLICATION  |
|---------------------|-------|----------|-----------------------------|--------------------------------|--------|-----------------|----------------------|--|
|                     |       |          |                             | 40 °C                          | 100 °C |                 |                      |  |
| Olex MAX 0W-20 C5   | 0W-20 | SP/C5    | 0.849                       | 48.3                           | 8.30   | -45             | >200                 | <b>100% synthetic based engine oil</b> <ul style="list-style-type: none"> <li>· Excellent low-temp startup and fast acceleration</li> <li>· Excellent protection against engine sludge</li> <li>· Increase oil consumption efficiency/extend engine life</li> </ul> ▶ Diesel and petrol/LPG light heavy duty vehicles fitted with DPF/TWC                  |
| Olex MAX 5W-30 C3   | 5W-30 | SP/C3    | 0.852                       | 68.5                           | 11.1   | -39             | >200                 | <b>VHVI based 100% synthetic engine oils</b> <ul style="list-style-type: none"> <li>· Excellent protection against engine sludge</li> <li>· Fuel efficiency improvement and oil change cycle extension / engine life extension</li> </ul> ▶ Use in light duty vehicles fitted with state of art engine technology including direct injection, turbocharges |
| Olex MAX 5W-40 C3   | 5W-40 | SP/C3    | 0.853                       | 90.1                           | 14.2   | -39             | >210                 |  |
| Olex Multi 5W-30 C3 | 5W-30 | SN/C3    | 0.853                       | 68.0                           | 10.9   | -39             | >210                 | <b>VHVI based 100% synthetic engine oils</b> <ul style="list-style-type: none"> <li>· Extended oil change cycle and improved fuel economy</li> <li>· Excellent cold starting and engine cleanliness</li> </ul> ▶ Petrol/LPG and light heavy duty vehicles fitted with DPF/TWC, - GM dexos 2C   |
| Olex Multi 5W-40 C3 | 5W-40 | SN/C3    | 0.852                       | 91.3                           | 14.6   | -39             | >210                 |  |

### MOTORCYCLE OILS

| LUBRICANTS       | SAE    | API     | specific gravity<br>15/4 °C | VISCOSITY (mm <sup>2</sup> /s) |        | POUR POINT (°C) | FLASH POINT COC (°C) | APPLICATION  |
|------------------|--------|---------|-----------------------------|--------------------------------|--------|-----------------|----------------------|--|
|                  |        |         |                             | 40 °C                          | 100 °C |                 |                      |  |
| Olex 2T          | SAE 20 | JASO FB | 0.871                       | 47.5                           | 7.5    | -33             | >70                  | <b>TWO-STROKE ENGINE OIL</b> <ul style="list-style-type: none"> <li>▶ suitable to use in all 2-stroke motorcycles and scooters where JASO FB is recommended</li> </ul>   |
| Olex 4T 10W30 MA | SAE 30 | SL/MA2  | 0.869                       | 76.0                           | 10.6   | -30             | > 210                | <b>FOUR-STROKE ENGINE OILS</b> <ul style="list-style-type: none"> <li>▶ Performance class JASO T903:2016</li> <li>· provide the highest clutch friction classification</li> <li>· use in both aircooled and liquid-cooled</li> </ul> |
| Olex 4T 20W40 MA | SAE 40 | SL/MA2  | 0.874                       | 120.4                          | 14.2   | -29             | > 210                |  |
| Olex 4T 10W40 MB | SAE 40 | SI/MB   | 0.871                       | 96.6                           | 13.2   | -29             | > 210                | <b>Scooter Engine Oil</b> <ul style="list-style-type: none"> <li>▶ Performance class JASO T903:2016</li> <li>· suitable for Scooter oil grade with CVT transmission</li> </ul>   |

## /// DIESEL ENGINE OILS

| LUBRICANTS        | SAE    | API       | specific gravity | VISCOSITY (mm <sup>2</sup> /s) |        | POUR POINT (°C) | FLASH POINT COC (°C) | APPLICATION  |
|-------------------|--------|-----------|------------------|--------------------------------|--------|-----------------|----------------------|--|
|                   |        |           | 15/4 °C          | 40 °C                          | 100 °C |                 |                      |  |
| Olex Power 10W-30 | 10W-30 | CK-4/FA-4 | 0.868            | 84.3                           | 11.7   | -39             | >220                 | <b>Wide range of heavy duty and commercial vehicles</b> <ul style="list-style-type: none"> <li>· VMI based 100% synthetic engine oils</li> <li>· DPF, CPF (Emission reduction device) install vehicle</li> <li>▶ Performance class : API CK-4/SN, API FA-4, ADEA E9</li> </ul>                   |
| Olex CJ-4 10W-40  | 10W-40 | CJ-4/SN   | 0.87             | 98.86                          | 14.31  | -39             | >220                 | <b>Heavy duty diesel engine oil formulated to Super High Performance Diesel (SHPD) lubricants</b> <ul style="list-style-type: none"> <li>▶ Performance class : ACEA E9, API CJ-4/SN</li> </ul>   |
| Olex CJ-4 15W-40  | 15W-40 | CJ-4/SN   | 0.868            | 120.4                          | 15.4   | -36             | >220                 |  |
| Olex CI-4 10W-30  | 10W-30 | CI-4/SL   | 0.865            | 81                             | 11.9   | -36             | >220                 | <b>A versatile product which can be used in a wide range of heavy duty and commercial vehicles</b> <ul style="list-style-type: none"> <li>· For high-speed, four-stroke diesel engines where exhaust gas recirculation (EGR) is used</li> <li>▶ Performance class : ACEA E7, API CI-4</li> </ul> |
| Olex CI-4 10W-40  | 10W-40 | CI-4/SL   | 0.871            | 108.5                          | 15.4   | -33             | >220                 |  |
| Olex CI-4 15W-40  | 15W-40 | CI-4/SL   | 0.875            | 115.2                          | 15.1   | -30             | >220                 |  |
| Olex CI-4 20W-50  | 20W-50 | CI-4/SL   | 0.878            | 167.2                          | 17.61  | -27             | 260                  |  |
| Olex CH-4 15W-40  | 15W-40 | CH-4/SJ   | 0.872            | 125.2                          | 15.1   | -36             | >220                 | <b>A versatile product which can be used in a wide range of heavy duty and commercial vehicles</b> <ul style="list-style-type: none"> <li>· High performance turbocharger diesel engine oil</li> <li>▶ Performance class : ACEA E2, API CH-4, API SJ</li> </ul>                                  |
| Olex CH-4 20W-50  | 20W-50 | CH-4/SJ   | 0.875            | 167.1                          | 18.2   | -18             | 260                  |  |
| Olex CF-4 15W-30  | 15W-30 | CF-4/SJ   | 0.869            | 70.3                           | 10.6   | -24             | >220                 | <b>A multipurpose engine oil for heavy-duty diesel oils that is suitable for use in vehicles where API certification is not required</b> <ul style="list-style-type: none"> <li>· General quality diesel engine oils</li> <li>▶ Performance class : API CF-4, API SJ</li> </ul>                  |
| Olex CF-4 15W-40  | 15W-40 | CF-4/SJ   | 0.872            | 109.6                          | 14.1   | -24             | >220                 |  |
| Olex CF-4 20W-50  | 20W-50 | CF-4/SJ   | 0.875            | 170                            | 18.97  | -24             | 260                  |  |
| Olex CF 30        | SAE 30 | CF        | 0.874            | 93.52                          | 11.2   | -20             | >220                 | <b>Heavy-duty diesel oils that is suitable for use in vehicles where API certification is not required</b> <ul style="list-style-type: none"> <li>· General quality Monograde diesel engine oil</li> </ul>   |
| Olex CF 40        | SAE 40 | CF        | 0.874            | 123.8                          | 14.1   | -20             | >220                 |  |

## /// AUTOMATIC TRANSMISSION FLUIDS (ATF)

| LUBRICANTS                      | SAE | API | specific gravity | VISCOSITY (mm <sup>2</sup> /s) |        | POUR POINT (°C) | FLASH POINT COC (°C) | APPLICATION  |
|---------------------------------|-----|-----|------------------|--------------------------------|--------|-----------------|----------------------|--|
|                                 |     |     | 15/4 °C          | 40 °C                          | 100 °C |                 |                      |  |
| Olex ZF                         | -   | -   | 0.847            | 36.8                           | 6.9    | -48             | > 200                | <b>Automatic Transmission Fluid (LV)</b> <ul style="list-style-type: none"> <li>▶ Performance class : JASO 1-A LV, Type 1A</li> <li>· DEX IIIH, DEX VI type, ZF 8 speed &amp; 9 speed</li> </ul> |
| Olex ATF                        | -   | -   | 0.858            | 38.1                           | 7.4    | -39             | > 200                | <b>Automatic Transmission Fluid</b> <ul style="list-style-type: none"> <li>▶ Performance class : JASO 1-A</li> <li>· DEX IIIH, ZF 6 speed</li> </ul>   |
| Olex CVT                        | -   | -   | 0.849            | 34.9                           | 7.1    | -39             | > 200                | <b>CVT Fluid</b> <ul style="list-style-type: none"> <li>· Hyundai/Kia SP-III (CVT Model), CVT J1</li> <li>· Toyota CVTF TC, FE, Nissan NS-1, NS-2, NS-3</li> </ul>                               |
| Olex PSF (Power Steering Fluid) | -   | -   | 0.875            | 40.15                          | 7.08   | -30             | > 210                | <b>Power Steering Fluid</b> <ul style="list-style-type: none"> <li>· Hyundai / Kia PSF-3, Nissan PSF-II etc</li> </ul>   |

## /// AUTOMOTIVE GEAR LUBRICANTS

| LUBRICANTS           | SAE     | API  | specific gravity | VISCOSITY (mm <sup>2</sup> /s) |        | POUR POINT (°C) | FLASH POINT COC (°C) | APPLICATION  |
|----------------------|---------|------|------------------|--------------------------------|--------|-----------------|----------------------|--|
|                      |         |      | 15/4 °C          | 40 °C                          | 100 °C |                 |                      |  |
| Olex GEAR 80W90 GL-4 | 80W-90  | GL-4 | 0.89             | 134.2                          | 14.5   | -30             | > 220                | <b>Suitable for used in applications where API GL-4 performance is required.</b>   |
| Olex GEAR 85W140GL-4 | 85W-140 | GL-4 | 0.9              | 287.2                          | 23.5   | -18             | > 220                |  |
| Olex GEAR 80W90GL-5  | 80W-90  | GL-5 | 0.894            | 139.6                          | 14.2   | -33             | > 220                | <b>A multigrade gear oil recommended for axles, transaxles or differentials requiring API GL-5 oil.</b> <ul style="list-style-type: none"> <li>· Suitable for High speed, impact-driven automotive gears, especially hypoid gears</li> </ul> |
| Olex GEAR 85W140GL-5 | 85W-140 | GL-5 | 0.91             | 311.1                          | 24.5   | -18             | > 220                |  |
| Olex Tractor Oil 80W | 80W     | GL-4 | 0.866            | 65                             | 9.4    | -30             | > 210                | <b>Universal multi-purpose for formulating Universal Tractor Transmission Oils (UTTOs) for use in farm tractor powershift transmissions, axles, wet brakes and hydraulic systems.</b>  |

## Marine Lubricants

### /// CYLINDER OILS

| LUBRICANTS    | SAE | BN (mg KOH/g) | specific gravity | VISCOSITY (mm <sup>2</sup> /s) |        | POUR POINT (°C) | FLASH POINT COC (°C) | APPLICATION  |
|---------------|-----|---------------|------------------|--------------------------------|--------|-----------------|----------------------|--|
|               |     |               | 15/4 °C          | 40 °C                          | 100 °C |                 |                      |  |
| OLEX CL 40    | 50  | 40            | 0.92             | 240.0                          | 20.0   | -18             | >220                 | <b>Specially designed for Low Speed 2-stroke Marine Diesel Engines using High Sulphur Heavy Fuel Oil (HFO)</b> <ul style="list-style-type: none"> <li>· on blended residual fuels and distillates with sulphur below 1% (BN: 40)</li> <li>· on residual fuels with sulphur contents in excess of 1% sulphur. (BN: 70)</li> </ul> |
| OLEX CL 70    | 50  | 70            | 0.931            | 235.0                          | 20.0   | -18             | >220                 |  |
| OLEX CL 100   | 50  | 100           | 0.953            | 225                            | 18     | -9              | >220                 | Recommended where there is evidence of cold corrosion or when using the correct cylinder oil feed rate the residual BN in the scrape down oil is continuously lower than the manufacturer's limit (normally a minimum residual 20BN)   |
| OLEX CL 25VLS | 50  | 25            | 0.903            | 200.0                          | 20.0   | -18             | >220                 | Specially designed for All Low Speed 2-stroke Marine Diesel Engines when operating in a MARPOL Annex VI Emission Control Area (ECA) using max 0.10%wt sulphur heavy fuel oil (HFO) or marine gas oil (MGO)   |

### /// CRANKCASE SYSTEM OILS

| LUBRICANTS            | SAE | BN (mg KOH/g) | specific gravity | VISCOSITY (mm <sup>2</sup> /s) |        | POUR POINT (°C) | FLASH POINT COC (°C) | APPLICATION   |
|-----------------------|-----|---------------|------------------|--------------------------------|--------|-----------------|----------------------|---|
|                       |     |               | 15/4 °C          | 40 °C                          | 100 °C |                 |                      |   |
| OLEX MARINE SUPER 306 | 30  | 6             | 0.874            | 102.3                          | 11.3   | -18             | >200                 | Recommended for crankcase lubrication in the latest highly rated low speed crosshead marine engines including those employing system oil for piston cooling and hydraulic actuator systems. |
| OLEX MARINE SUPER 308 | 30  | 8             | 0.886            | 99.3                           | 11.2   | -18             | >200                 |   |

### /// TRUNK PISTON ENGINE OILS

| LUBRICANTS         | SAE | BN (mg KOH/g) | specific gravity | VISCOSITY (mm <sup>2</sup> /s) |        | POUR POINT (°C) | FLASH POINT COC (°C) | APPLICATION  |
|--------------------|-----|---------------|------------------|--------------------------------|--------|-----------------|----------------------|--|
|                    |     |               | 15/4 °C          | 40 °C                          | 100 °C |                 |                      |  |
| OLEX TPI Plus 3012 | 30  | 12            | 0.877            | 97.0                           | 11.1   | -18             | >200                 | Marine diesel engine oil specially designed for all types of high/medium speed four stroke diesel engines for gas oil or diesel engine oil (HDO) <ul style="list-style-type: none"> <li>· Recommended for Ultra Low Sulphur Fuel (ULSFO) with less than 0.5% sulphur content and ULSFO (Ultra Low Sulphur Fuel) with less than 0.1%</li> <li>· Appropriate BN oil must be selected based on the sulphur content of the fuel used</li> <li>※ Also recommended for general lubrication of shipboard equipment where specialised lubricants are not required or use of API CF quality oils are adequate.</li> </ul> |
| OLEX TPI Plus 4012 | 40  | 12            | 0.887            | 145.0                          | 14.5   | -18             | >210                 |  |
| OLEX TPI Plus 3015 | 30  | 15            | 0.884            | 96.0                           | 11.1   | -18             | >200                 |  |
| OLEX TPI Plus 4015 | 40  | 15            | 0.889            | 144.5                          | 14.5   | -18             | >210                 |  |
| OLEX TPI Plus 3024 | 30  | 24            | 0.888            | 96.0                           | 11.1   | -18             | >200                 |  |
| OLEX TPI Plus 4024 | 40  | 24            | 0.893            | 144.5                          | 14.5   | -18             | >210                 |  |
| OLEX TP-HD 303     | 30  | 30            | 0.90             | 92.0                           | 11.0   | -18             | >200                 |  |
| OLEX TP-HD 403     | 40  | 30            | 0.91             | 140.0                          | 15.0   | -18             | >210                 |  |
| OLEX TP-HD 304     | 30  | 40            | 0.911            | 90.0                           | 11.0   | -18             | >200                 |  |
| OLEX TP-HD 404     | 40  | 40            | 0.913            | 135.0                          | 15.0   | -18             | >210                 |  |

## Outboard OIL

| LUBRICANTS                 | SAE    | BN<br>(mgKOH/g) | specific<br>gravity | VISCOSITY (mm <sup>2</sup> /s) |       |        | POUR<br>POINT<br>(°C) | FLASH<br>POINT<br>COC<br>(°C)  | APPLICATION |
|----------------------------|--------|-----------------|---------------------|--------------------------------|-------|--------|-----------------------|--|-------------|
|                            |        |                 |                     | 15/4 °C                        | 40 °C | 100 °C |                       |  |             |
| Olex OUTBOARD 2T           | SAE 20 | 5.1             | 0.863               | 8.0                            | 48.1  | -33    | > 150                 | ▶ Performance class: NMMA TC-3, API TC, JASO 2T<br>· Application: Two cycle Outboard oil (water-cooled)  |             |
| Olex OUTBOARD 4T<br>10W-30 | 10W-30 | 7.4             | 0.848               | 10.1                           | 57.8  | -30    | > 200                 | ▶ Performance class: NMMA FC-W / FC-W©<br>· Use in all gasoline-powered marine engines,<br>particularly sterndrives and inboard equipped with<br>catalytic converters. |             |
| Olex OUTBOARD 4T<br>25W-50 | 25W-50 | 7.4             | 0.872               | 161.8                          | 18.84 | -30    | > 220                 |  |             |
| Olex Marine 10W-40         | 10W-40 | 7.4             | 0.87                | 105                            | 15.26 | -30    | > 220                 | ▶ Performance class: API SP, JASO MA2<br>· High Quality, Latest synthetic Gasoline Outboard Oil  |             |

## DIESEL ENGINE OILS

| LUBRICANTS                 | SAE    | BN<br>(mgKOH/g) | specific<br>gravity | VISCOSITY (mm <sup>2</sup> /s) |       |        | POUR<br>POINT<br>(°C) | FLASH<br>POINT<br>COC<br>(°C)   | APPLICATION |
|----------------------------|--------|-----------------|---------------------|--------------------------------|-------|--------|-----------------------|---|-------------|
|                            |        |                 |                     | 15/4 °C                        | 40 °C | 100 °C |                       |   |             |
| Olexsea Super 15W-40       | 15W-40 | CJ-4/SN         | 0.87                | 120                            | 15    | -36    | >220                  | High performance low emission engines including those equipped with DPF and Exhaust Gas recirculation (EGR) (BN=10,0) |             |
| Olexsea MA 10W-30          | 10W-30 | CI-4/SL         | 0.863               | 85                             | 11.1  | -36    | >200                  | Modern turbocharged and naturally aspirated 4-stroke medium and high speed marine diesel engine oils. (BN=10,2)       |             |
| Olexsea MA 10W-40          | 10W-40 | CI-4/SL         | 0.86                | 108                            | 15.2  | -33    | >220                  |   |             |
| Olexsea MA 15W-40          | 15W-40 | CI-4/SL         | 0.875               | 115                            | 14.8  | -30    | >220                  |   |             |
| Olexsea Diesel Plus 15W-40 | 15W-40 | CH-4/SJ         | 0.872               | 125                            | 15.1  | -36    | >220                  | A multigrade Marine Oil specially formulated for highly turbocharged diesel engines. (BN=9,2)                         |             |
| Olexsea Diesel Plus 20W-50 | 20W-50 | CH-4/SJ         | 0.876               | 170                            | 18.8  | -18    | >220                  |   |             |
| Olexsea Diesel 15W-30      | 15W-30 | CF-4/SJ         | 0.87                | 70                             | 11    | -24    | >220                  | A multipurpose engine oil for heavy-duty diesel oils (BN=8,0)   |             |
| Olexsea Diesel 15W-40      | 15W-40 | CF-4/SJ         | 0.87                | 110                            | 14.5  | -24    | >220                  |   |             |

## GEAR OILS

| LUBRICANTS       | SAE    | BN<br>(mgKOH/g) | specific<br>gravity | VISCOSITY (mm <sup>2</sup> /s) |       |        | POUR<br>POINT<br>(°C) | FLASH<br>POINT<br>COC<br>(°C)  | APPLICATION |
|------------------|--------|-----------------|---------------------|--------------------------------|-------|--------|-----------------------|--|-------------|
|                  |        |                 |                     | 15/4 °C                        | 40 °C | 100 °C |                       |  |             |
| Olex Gear EP 68  | VG 68  | L2.0            | 0.86                | 66.0                           | 108   | -32.5  | 225                   | <b>Olex Gear EP range offers good gear performance for most types of gear</b><br>▶ Suitable for mechanical-hydrodynamic transmissions, turbo clutches and hydraulics.<br>· Strong oil film<br>· Excellent water separability<br>· Excellent oxidation stability<br>· Excellent heat resistance stability |             |
| Olex Gear EP 100 | VG 100 | L2.0            | 0.87                | 100.1                          | 107   | -30.0  | 240                   |  |             |
| Olex Gear EP 150 | VG 150 | L2.0            | 0.88                | 151.0                          | 104   | -27.5  | 245                   |  |             |
| Olex Gear EP 220 | VG 220 | L2.5            | 0.89                | 222.2                          | 104   | -25.0  | 255                   |  |             |
| Olex Gear EP 320 | VG 320 | L2.5            | 0.89                | 320.1                          | 102   | -22.5  | 265                   |  |             |
| Olex Gear EP 460 | VG 460 | L2.5            | 0.89                | 458.7                          | 103   | -22.5  | 270                   |  |             |
| Olex Gear EP 680 | VG 680 | L5.5            | 0.91                | 679.0                          | 101   | -20.0  | 312                   |  |             |

## HYDRAULIC OILS (AW TYPE)

| LUBRICANTS        | SAE    | BN<br>(mgKOH/g) | specific<br>gravity | VISCOSITY (mm <sup>2</sup> /s) |       |        | POUR<br>POINT<br>(°C) | FLASH<br>POINT<br>COC<br>(°C)  | APPLICATION |
|-------------------|--------|-----------------|---------------------|--------------------------------|-------|--------|-----------------------|--|-------------|
|                   |        |                 |                     | 15/4 °C                        | 40 °C | 100 °C |                       |  |             |
| Olex HYDRO AW 32  | VG 32  | L0.5            | 0.86                | 32.0                           | 110   | -37.5  | 235                   | <b>Olex HYDRO AW hydraulic oil range is based upon highly refined mineral oil enhanced with a stabilised zinc additive system</b><br>▶ Application to hydraulic systems that require wear protection such as hom, variable speed device, and bearings.<br>· Excellent oxidation stability<br>· Excellent water separability and air discharge<br>· Good corrosion resistance and abrasion resistance |             |
| Olex HYDRO AW 46  | VG 46  | L0.5            | 0.87                | 46.0                           | 108   | -35.0  | 240                   |  |             |
| Olex HYDRO AW 68  | VG 68  | L0.5            | 0.87                | 68.0                           | 107   | -35.0  | 255                   |  |             |
| Olex HYDRO AW 100 | VG 100 | L0.5            | 0.88                | 100.0                          | 105   | -32.5  | 260                   |  |             |
| Olex HYDRO AW 150 | VG 150 | L0.5            | 0.89                | 150.0                          | 103   | -30.0  | 270                   |  |             |

## HYDRAULIC OILS (AW TYPE)

| LUBRICANTS          | SAE    | BN<br>(mgKOH/g) | specific<br>gravity | VISCOSITY (mm <sup>2</sup> /s) |       |        | POUR<br>POINT<br>(°C) | FLASH<br>POINT<br>COC<br>(°C)   | APPLICATION |
|---------------------|--------|-----------------|---------------------|--------------------------------|-------|--------|-----------------------|---|-------------|
|                     |        |                 |                     | 15/4 °C                        | 40 °C | 100 °C |                       |   |             |
| Olex HYDRO AW 32VI  | VG 32  | L1.0            | 0.87                | 32.0                           | 150   | -45.0  | 222                   | <b>Olex HYDRO AW VI hydraulic oil range of shear stable high viscosity index lubricants are based on the latest stabilised zinc additive technology</b><br>▶ Outdoor equipment which operate in wide temperature ranges, such as machinery subjected to cold start up conditions and high temperature continuous running. Examples include off-highway and marine applications.<br>· Applying to a wide range of temperatures<br>· Excellent water separability and air discharge<br>· Excellent oxidation stability<br>· Good corrosion resistance and abrasion resistance |             |
| Olex HYDRO AW 46VI  | VG 46  | L1.0            | 0.88                | 46.0                           | 150   | -45.0  | 230                   |   |             |
| Olex HYDRO AW 68VI  | VG 68  | L1.5            | 0.89                | 68.0                           | 150   | -42.5  | 242                   |   |             |
| Olex HYDRO AW 100VI | VG 100 | L1.5            | 0.88                | 100.0                          | 150   | -40.0  | 246                   |   |             |

## DOMESTIC

| OFFICE      | ADDRESS  | TEL               |
|-------------|--|-------------------|
| HEAD OFFICE | 3, Seongju-ro 137beon-gil, Seongsan-gu, Changwon-si, Gyeongsangnam-do, Republic of Korea | +82-55-283-3241-4 |
| GWANGJU     | 30-21, Bia-ro 135beon-gil, Gwangsan-gu, Gwangju, Republic of Korea                       | +82-62-953-3905   |
| SUWON       | 2193, Seobu-ro, Jangan-gu, Suwon-si, Gyeonggi-do, Republic of Korea                      | +82-31-243-3670   |
| DAEGU       | 68-1, Secheonbon 4-gil, Dasa-eup, Dalseong-gun, Daegu, Republic of Korea                 | +82-53-523-1683   |
| BUSAN       | 215, Sinhosandan 1-ro, Gangseo-gu, Busan, Republic of Korea                              | +82-51-973-3241   |

## OVERSEAS

| OFFICE  | ADDRESS   | TEL              |
|---------|---|------------------|
| Vietnam | NO.905, The garden building, My Dinh-Me Tri Urban Area, Me Tri ward, Nam Tu Liem District, Hanoi, Vietnam | +84-12-9474-9982 |



43, Hwasan 1-gil, Onsan-eup,  
Ulju-gun, Ulsan, Republic of Korea

Tel +82-52-239-2161  
Fax +82-52-239-2171