



Product data sheet

LUBGEAR ISO VG 150;220;320;460

LUBGEAR SERIES are lead free extreme pressure oils designed for industrial gear lubrication. They are suitable for all types of industrial enclosed gear drives lubricated by splash or circulation, whether or not they have oil preheating or cooling system.

LUBGEAR SERIES has excellent extreme pressure and antiwear properties that protects against wear leading to lower maintenance costs, enhanced equipment durability and potential for long service life.

LUBGEAR SERIES has excellent oxidation resistance, compatible with rubber seals and great capacity to bear loads at momentary high temperature. Effective rust and corrosion protection, good anti-foam properties to ensures film strength for effective lubrication.

LUBGEAR SERIES are suitable for application aboard ships for lubrication of main propulsion gear boxes, gears and bearing of centrifuges deck machinery, wind lasses, cranes, turning gears pumps, elevators and rudder carriers.

Specifications:Exceeds Performance Level: DIN 51517 Part 3 type CLP

| Property: | Test Method: | Typical Values: | Typical Values: | Typical Values: | Typical Values: |
|--|---------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SAE Viscosity Grade | SAE | ISO VG 150 | ISO VG 220 | ISO VG 320 | ISO VG 460 |
| Relative Density @ 15 ⁰ C | ASTM D4052 | 0.877 | 0.878 | 0.880 | 0.883 |
| Kinematic Viscosity @ 40 ⁰ C | ASTM D445 | 150 mm ² /s | 220 mm ² /s | 320 mm ² /s | 460 mm ² /s |
| Kinematic Viscosity @ 100 ⁰ C | ASTM D445 | 14.6 mm ² /s | 18.1 mm ² /s | 23.0 mm ² /s | 29.3 mm ² /s |
| Viscosity Index | ASTM D2270 | 95 | 95 | 95 | 95 |
| Flash Point | ASTM D92 | 263 ⁰ C | 265 ⁰ C | 271 ⁰ C | 295 ⁰ C |
| Pour Point | ASTM D97 | -9 ⁰ C | -9 ⁰ C | -9 ⁰ C | -9 ⁰ C |

PACKAGING: 25L and 200L



LUBGEAR ISO VG

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Specifications: Exceeds Performance Level: DIN 51517 Part 3 type CLP

| Property: | Test Method: | Typical Values: |
|--|--------------|-------------------------|
| SAE Viscosity Grade | SAE J300 | ISO VG 220 |
| Relative Density @ 15 ⁰ C | ASTM D4052 | 0.878 |
| Kinematic Viscosity @ 40 ⁰ C | ASTM D445 | 220 mm ² /s |
| Kinematic Viscosity @ 100 ⁰ C | ASTM D445 | 18.1 mm ² /s |
| Viscosity Index | ASTM D2270 | 95 |
| Flash Point | ASTM D92 | 265 ⁰ C |
| Pour Point | ASTM D97 | -9 ⁰ C |