

Goldenstone® ROLON

Technical Data Sheet (TDS) Industrial Gear Oils

Description and Application

The industrial gear oils **GOLDENSTONE® ROLON** are developed for lubrication of heavily loaded industrial gear drives operated at normal, medium and elevated stabilized oil temperatures.

GOLDENSTONE® ROLON oils are designated for the lubrication of heavily loaded closed gear boxes with straight and spiral bevel gears, spur gears, hypoid gears, worm gear drives. **GOLDENSTONE® ROLON** are formulated with appropriate selection of high quality solvent refined and hydrotreated lube base stocks blended with an ashless sulfur-phosphorus type additive package.

Benefits

- Very good antiwear and anti-seizure properties
- Very good thermal and oxidation
- Dependable corrosion protection
- Seals compatibility
- Good water separability

Specifications

| | |
|-------------|--|
| ISO 6743/6 | ISO-L-CKD |
| ISO 3448 | VG 32, 46, 68, 100, 150, 220, 320, 460 § 680 |
| ISO | 12925 |
| US Steel | 224 |
| DIN 51517 | part 3, CLP |
| DAVID BROWN | S1.53.10(E) |
| AGMA | 9005-E02 |

Typical Characteristics

| Parameter | Test Method | Typical Value | | | | |
|---|-------------|---------------|-------|-------|-------|-------|
| | | 32 | 46 | 68 | 100 | 150 |
| Density at 20°C, g/ml | EN ISO 3675 | 0.868 | 0.872 | 0.879 | 0.883 | 0.889 |
| Kinematic viscosity at 40°C, mm ² /s | EN ISO 3104 | 32 | 46 | 68 | 100 | 150 |
| Viscosity index | ISO 2909 | 100 | 98 | 95 | 95 | 93 |
| Flash point, COC, °C | EN ISO 2592 | 185 | 185 | 190 | 195 | 200 |
| Pour point, °C | ISO 3016 | -30 | -27 | -21 | -18 | -15 |
| Copper strip corrosion, 3h, 100°C | EN ISO 2160 | 1 | | | | |
| Water separability -time to 3 ml emulsion,min | ISO 6614 | 30 | 30 | 30 | 30 | 40 |
| FZG EP Wear Test (A 8.3/90) - Failure Load Stage | DIN 51354-2 | 12 | | | | |

| Parameter | Test Method | Typical Value | | | |
|---|-------------|---------------|-------|-------|-------|
| | | 220 | 320 | 460 | 680 |
| Density at 20°C, g/ml | EN ISO 3675 | 0.893 | 0.895 | 0.898 | 0.900 |
| Kinematic viscosity at 40°C, mm ² /s | EN ISO 3104 | 220 | 320 | 460 | 680 |
| Viscosity index | ISO 2909 | 91 | 89 | 87 | 85 |
| Flash point, COC, °C | EN ISO 2592 | 205 | 210 | 235 | 240 |
| Pour point, °C | ISO 3016 | -12 | -9 | -6 | -3 |
| Copper strip corrosion, 3h, 100°C | EN ISO 2160 | 1 | | | |
| Water separability -time to 3 ml emulsion,min | ISO 6614 | 40 | 40 | 40 | 60 |
| FZG EP Wear Test (A 8.3/90) - Failure Load Stage | DIN 51354-2 | 12 | | | |

Important note: Typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

www.goldenstoneoils.com

Packages

210L, Bulk

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