



DESCRIPTION

GALAXEA oils are a range of high-performance, high-viscosity, anti-wear hydraulic oils. These oils are blended from high-viscosity index lubricating oil stocks and a number of specially selected additives. The oils are formulated specifically to cater to a wide range of operating temperatures.

GALAXEA oils meet the most severe requirements of major hydraulic equipment manufacturers and exceed the requirements of the following specifications including DIN 51524 Part II & III (HVLP), Hagglands Denison HF-2 & HF-0 Filterability Test & Pump wear, ASLE 64-1 to 64-4, 70-1 to 70-3, EASTON M-2950-S, Easton i-286-s3, AFNOR NF E 48-603(HM), CETOP RP91H, Cincinnati Milacron P-68, P-69 & P-70 and FZG Tests.

FEATURES AND BENEFITS

- Very low viscosity variation with temperature changes
- Outstanding wear, rust and corrosion protection
- Superior oxidation stability
- Excellent filterability
- Good foam resistance
- Assuring long life for hydraulic system components

APPLICATION

GALAXEA oils are recommended for use in hydraulic machinery and specifically for hydraulic equipment used under extreme operating temperatures.

TYPICAL SPECIFICATION

| ISO GRADE | | 15 | 22 | 32 | 46 | 68 | 100 | 150 |
|------------------------------------|------------|-----|-----|-----|-----|------|------|------|
| Kinematic Viscosity at 40°C (cSt) | ASTM D445 | 15 | 22 | 33 | 46 | 68 | 96 | 145 |
| Kinematic Viscosity at 100°C (cSt) | ASTM D445 | 4.1 | 5.0 | 6.4 | 7.9 | 10.5 | 12.9 | 16.5 |
| Viscosity Index | ASTM D2270 | 160 | 160 | 152 | 145 | 142 | 130 | 120 |
| Flash Point COC (°C) | ASTM D92 | 160 | 180 | 190 | 210 | 218 | 222 | 230 |
| Pour Point (°C) | ASTM D97 | -42 | -38 | -32 | -32 | -32 | -30 | -30 |

Typical test data are average values only. Minor variations which do not affect product performance are expected in normal manufacturing. It is the responsibility of the user to ensure that the products are used in the application which they are intended. (April, 2013)