



KROSS

Empowering Oil



HYDRO HLP 68

High quality, mineral, multigrade, hydraulic oil with extreme pressure properties. It is suitable for severe operating conditions and protects equipment against wear and corrosion. Provides excellent performance characteristics, good anti-foaming properties, extends filter life and oil change intervals, prevents system failures and helps reduce operating costs by saving downtime.

PERFORMANCE LEVEL

- AGMA 9005-E02 (EP)
- AIST 126/ 127
- Andreas Hofer
- ASTM D6158 HM
- Bosch Rexroth RDE 90235/90245
- Danieli 0.000.001
- Denison HF-0/ HF-1/ HF-2
- DIN 51524-2 HLP
- Duplomatic
- Eaton Vickers E-FDGNTB002-E
- Eickhoff
- FELUWA Pumpen
- Fives Cincinnati P-69
- GB 11118.1-2011
- GM LS-2
- ISO 11158 (HM)
- ISO 6743-4 HM
- JCMAS P041 HK
- Kopex Machinery
- Krauss Maffei Berstorff
- LOESCHE
- METSO
- Palfinger
- SAE MS 1004
- Schuler
- SEB 181222
- Sulzer Pumps
- ThyssenKrupp Industrial Solutions
- TMT
- VDMA 24318-HLP
- JSC "Volgogradneftemash"
- JSC "AVTOVAZ"
- OAO "Tyazhpresmash"
- OAO "Turbonasos"
- Failure load level DIN ISO 14635-1 A/8,3/90-M:>10

APPLICATIONS

KROSS HYDRO HLP 68 is recommended for use in hydraulic drives, lifting systems and presses. It can also be used as gear oil, as circulating oil for simple and roller bearings or in screw compressors, according to the instructions in the vehicle technical book.

CHARACTERISTICS

| Test | Unit | Method | Average value |
|--|---------------------------|-------------------------------|---------------|
| Density at 15°C | kg/m ³ | ASTM D 7042 | 879,7 |
| Kinematic viscosity at 40 °C | mm ² /s | ASTM D 7042 | 67,1 |
| Kinematic viscosity at 100 °C | mm ² /s | ASTM D 7042 | 8,75 |
| Viscosity index | -- | ASTM D 7042/ SR ISO 2909 | 102 |
| Demulsification time for 40-37-3 ml | mintues | ASTM D 1401/ STAS 56, met. II | 15 |
| Extreme Pressure Properties <i>Wear spot diameter (1500 rpm, 200N, 100 min)</i> | -- | ASTM D 2783/ STAS 8618 | 0,4 |
| Foaming characteristics: tendency-stability | 24 °C | ASTM D 892 | 10-0 |
| Foaming characteristics: tendency-stability | 93,5 °C | ASTM D 892 | 10-0 |
| Foaming characteristics: tendency-stability | 24 °C, after det. at 93,5 | ASTM D 892 | 10-0 |
| Pour point | °C | ASTM D 97/ SR 13552 | -26 |

PACKAGING

- 1 Liter
- 4 Liters
- ✓ 10 Liters
- ✓ 20 Liters
- 60 Liters
- ✓ 205 Liters