



KROSS

Empowering Oil



HYDRO HLP 32

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
- ASTM D6158 HM
- Bosch Rexroth RDE 90235/ 90245
- Denison HF-0/ HF-1/ HF-2
- DIN 51524-2 (HLP)
- Duplomatic
- Eaton Vickers E-FDGN-TB002-E
- Fives Cincinnati P-68
- FURUKAWA UNIC
- GB 11118.1-2011
- GM LS-2
- ISO 11158-HM / I6743-4-HM
- JCMAS HK/ P041 HK
- Kopex Machinery
- METSO
- Palfiner
- SAE MS 1004
- Schuler
- SEB 181222
- SMS group SN 180-2
- Sulzer Pumps
- SMT Scharf
- ThyssenKrupp Industrial Solutions
- TMT
- VDMA 24318-HLP
- VOITH TURBO
- JSC "Volgogradneftemash"
- JSC "AVTOVAZ"
- OAO "Tyazhpresmash"
- PAO "Severstal"
- ZAO „Nizhnevartovskremservis"
- OAO "Hydrosila"
- OAO "Shakhtinsky Plant Hydraulic"
- OOO "Nasosy Ppd"
- OOO "Severyanka"
- Failure load level DIN ISO 14635-1 A/8,3/90-M: >10

APPLICATIONS

KROSS HYDRO HLP 32 is recommended for use in hydraulic drives, lifting systems and presses. It can also be used as gear oil, as circulating oil for plain 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	873,2
Kinematic viscosity at 40 °C	mm ² /s	ASTM D 7042	32,3
Kinematic viscosity at 100 °C	mm ² /s	ASTM D 7042	5,45
Viscosity index	--	ASTM D 7042/ SR ISO 2909	103
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	0,3
Foaming characteristics: tendency-stability	24 °C	ASTM D 892	20-0
Foaming characteristics: tendency-stability	93,5 °C	ASTM D 892	20-0
Foaming characteristics: tendency-stability	24 °C, after det. at 93,5	ASTM D 892	10-0
Pour point	°C	ASTM D 97/ SR 13552	-30

PACKAGING

