



INDUSTRIAL HYDROPREMIUM



DESCRIPTION

HYDROPREMIUM series consists of highly refined mineral base oils and special additives meeting the classification ISO 6743-4:(ISO-L-HM) and offers a wide selection of viscosities. The lubricants are enhanced by special additive treatment to minimize corrosion, oxidation, foaming and machinery wear. HYDROPREMIUM series lubricants meet DIN 51 524 HLP Part II requirements.

APPLICATIONS

The series is suitable for use in industrial and marine hydraulic systems fitted with vane, gear axial and pistons pumps, especially those operating with increased wear protection requirements. They can also be used in lifts, presses, and various machine components.

CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Inhibits rust and oxidation.	Protection of metallic surfaces against corrosion and rust.
Thermal stability, anti-wear protection.	Prolonged lubricant life, long service life.
Foam formation resistance and quick air release. Very good water separation properties.	Trouble-free operation. Increase of system efficiency.

PHYSICAL-CHEMICAL CHARACTERISTICS

HYDROPREMIUM	METHOD	ISO 32	ISO 46	ISO 68	ISO 100
Density at 15°C, g/cm ³	ASTM D1298	0,8604	0,8689	0,8824	0,8860
Viscosity, Kinematic (cSt) 40°C	ASTM D445	32	46	68	100
Viscosity, Kinematic (cSt) 100°C	ASTM D445	5,4	6,7	8,65	11,14
Viscosity index	ASTM D2270	102	98	98	96
Flash point, COC, °C	ASTM D92	210	230	240	256
Pour point, °C	ASTM D97	-30	-30	-24	-21
Emulsion test, min.	ASTM D1401	10	10	20	20
Copper corrosion	ASTM D130	1a	1a	1a	1a

The abovementioned characteristics represent mean values.

SPECIFICATIONS

DIN 51524 Part 2 HLP; ISO 6743-4 (ISO-L-HM); AFNOR NFE 48-603 HM