

Mabanol Helium Hyd HLP HXE 46

Electrically conductive HLP hydraulic oil - zinc-free

Application

Mabanol Helium Hyd HLP HXE 46 is an electrically conductive hydraulic oil formulated with solvent-refined base oils and zinc-free EP active ingredients and is ideally suited for use in hydraulic systems of rolling mills. In addition, the hydraulic oil can be used when a high level of wear and corrosion protection is required.

Mabanol Helium Hyd HLP HXE 46 complies with the demands of the steel industry that are set for HLP hydraulic oil standards. Owing to the electrical conductivity of the hydraulic oil, electrostatic charging is prevented and filter damage due to discharging processes is hence avoided.

Properties

Mabanol Helium Hyd HLP HXE 46 is a mineral oil-based pressure fluid that offers excellent wear and corrosion protection even under the highest mechanical loads. Water penetration in the fluid system can be rectified thanks to the excellent demulsifying ability of the lubricant. The antioxidants offer the highest degree of aging stability and hence allow longer oil change intervals and thus lower maintenance.

The electrical conductivity is 500 pS / m.

Standards

- DIN HLP 51 524 Part 2
- SEB 181 222
- DBL 6713

Data

	Test method	Unit	Value
Density at 15°C	DIN 51 757	g/cm ³	0,844
Kin. Viscosity at 40°C	DIN EN ISO 3104	mm ² /s	46,5
Kin. Viscosity at 100°C	DIN EN ISO 3104	mm ² /s	6,7
Flash point COC	DIN ISO 2592	°C	224
Pourpoint	DIN ISO 3016	°C	-24
FZG-test A/16,6/140	DIN 51 354	SKS	> 12
Electric conductivity	–	pS/m	500

Stand: June 2019

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1983