

Mabanol Helium Hyd HLP 46 Blue

Resource-saving hydraulic fluid

Application

Mabanol Helium Hyd HLP 46 Blue can be used universally in all hydraulic systems and is characterized by very good lubricating properties and high oxidation resistance. The good viscosity-temperature behavior of Mabanol Helium Hyd HLP 46 Blue makes it particularly suitable for use in stationary and mobile hydraulics. It has also proven itself as a resource-saving hydraulic fluid in pump systems and presses.

Properties

Mabanol Helium Hyd HLP 46 Blue is formulated in a resource-saving manner based on base oils produced with virtually no waste and the latest additive technology. Through this patented base oil production technology, Mabanol Helium Hyd HLP 46 Blue contributes to long-term protection of the environment, health, natural resources and the climate. The base oil used in appropriate proportions has been proven to save up to 1530 kg/t CO₂ eq compared to conventionally produced base oils.

Mabanol Helium Hyd HLP 46 Blue can be cleaned in the process using the finest filtration without any active components being lost.

Standards / test methods

- DIN HLP 51524 Part 2
- HM according to ISO 11158
- VDEh according to SEB 181 222
- AIST 126 + 127
- ASTM D6158
- JCMAS P041 HK
- SAE MS1004
- GM LS 2

Data

Viscosity class ISO-VG

	Test method	Unit	46
Density at 15°C	DIN EN ISO 12185	g/cm ³	0,864
Kin. Viscosity at 40°C	ASTM D7279	mm ² /s	45,0
Kin. Viscosity at 100°C	ASTM D7279	mm ² /s	7,0
Viscosity index (VI)	ASTM D2270		116
Flash point COC	DIN ISO 2592	°C	240
Pourpoint	ASTM D7346	°C	-30
FZG test A/8,3/90	DIN ISO 14635-1	SKS	12

Updated in April 2024

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1983