

MOL Hydro HL 46

hydraulic oil



MOL Hydro HL 46 is a hydraulic work fluid produced from highly refined base oils, containing additives that inhibit oxidation and corrosion.

Application



Low- and medium-duty hydraulic systems where antiwear performance is not required

Circulation systems

Low-duty equipment

Features and benefits

Good thermal and oxidation stability

No deposit or sludge formation
Reliable operation, so reduced operational costs

Good water separation

Abnormal corrosion and wear of equipment can be prevented
Water accumulating at the bottom of the tank can be removed easily
Less filter plugging
Longer oil change interval and equipment lifetime

Rapid air release together with low foaming

Stable balanced lubricating film between friction surfaces, giving long equipment lifetimes
Reduced risk of cavitation

Good corrosion protection

Long-term protection of steel and non-ferrous metal parts even in the presence of moisture

Specifications and approvals

Viscosity grade: ISO VG 46
ISO 11158 HL
ISO-L-HL
DIN 51524-1 (HL)
DIN 51517-2 (CL)

Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,875
Kinematic viscosity at 40°C [mm ² /s]	46,4
Kinematic viscosity at 100 °C [mm ² /s]	6,7
Viscosity index	96
Pour point [°C]	-24
Flash point (Cleveland) [°C]	220

The characteristics in table are typical values of the product and do not constitute a specification.

MOL Hydro HL 46

hydraulic oil



Storage and handling instructions

Store in the original container in dry, properly ventilated area.

Keep away from direct flame and other sources of ignition.

Protect from direct sunlight.

During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.

For further details please read the Material Safety Data Sheet of the product.

In the original container under the recommended storage conditions: 48 months

Recommended storage temperature: max. 40°C