

# MOL Biohyd 46

## biodegradable hydraulic oil



MOL Biohyd 46 is a biodegradable lubrication oil produced from vegetable oils and carefully selected additives. In the environment it decomposes within a given time into components that are not harmful to the environment. In addition to its biodegradable property, it satisfies the engineering performance levels required by the hydraulic equipment. The biodegrading feature might diminish or cease to exist completely if it is mixed with non-biodegradable oil. Recommended temperature range of application: between -20 °C and + 45 °C.

### Application



Hydrostatic equipment operating at low pressures

On-shore equipment, boats and sluices

Hydraulic systems of agricultural machines

Hydraulic systems of earthmoving and forestry machines

Equipment in water reservoirs, sewage water plants

### Features and benefits

High-level biodegradability	Lower environmental impact
High natural viscosity index	Safe application throughout the year No risk of shear loss
Excellent wear protection	Reduced wear of contacting surfaces, even under varying operating conditions Contributes to increasing equipment lifetime
Good shear stability	Preserves viscosity for a long period
Excellent corrosion protection	Extreme long term protection of steel and non-ferrous metal parts Long machine lifetime, so reduced maintenance cost Effectively contributes to potential reduction of maintenance costs

### Specifications and approvals

Viscosity grade: ISO VG 46  
ISO 15380 HETG  
ISO-L-HETG  
VDMA 24568 HETG

# MOL Biohyd 46

## biodegradable hydraulic oil



### Properties

Properties	Typical values
Density at 15°C [g/cm <sup>3</sup> ]	0,920
Kinematic viscosity at 40°C [mm <sup>2</sup> /s]	45,1
Kinematic viscosity at 100 °C [mm <sup>2</sup> /s]	9,7
Viscosity index	208
Pour point [°C]	-27
Flash point (Cleveland) [°C]	290

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

### 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: 12 months

Recommended storage temperature: max. 40°C

### Ordering information

Custom Tariff Number 38190000

#### SAP code and packaging:

13006052 MOL Biohyd 46 180KG

216.5 l steel drum (for order only)

#### Order booking:

Please contact your local distributor or sales partner for ordering details.