

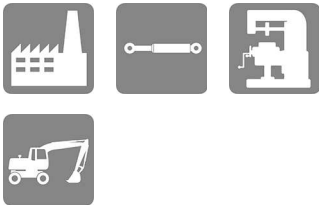
# MOL Hydro HME 22

## premium hydraulic oil



MOL Hydro HME 22 is a premium quality hydraulic fluid, containing a zinc based additive for reducing wear, and is composed of mineral base oils of carefully selected quality, exhibiting excellent performance in a wide range of industrial and mobile hydraulic equipment operating under heavy loads. This product has an outstanding thermal and hydrolytic stability. Its TOST lifetime is twice that specified in the DIN 51524-Part 2 standard.

### Application



Mobile and industrial hydraulic systems

Circulation systems

Machine-tools

Industrial equipment operating at low temperatures (pumps, servo systems)

Hydraulic systems of earthmoving and forestry machines

### Features and benefits

Excellent wear protection

Reliable operation, even in equipment exposed to heavy loads at high pressures  
Improved operational safety and high level of availability

Excellent thermal and hydrolytic stability

Extremely low sludge formation  
Increased oil drain interval  
Reliable operation, so reduced operational costs

Excellent filterability

No deterioration of filterability, even in the presence of moisture  
Calculably low filter usage even with 2-3 micron pore size filter cartridges  
Reduced maintenance costs and environmental impact

Rapid air release

Reduced risk of cavitation  
Outgoing air does not cause increased foaming  
Reliable operation, giving longer equipment lifetime

Excellent corrosion protection

Effective protection of steel and non-ferrous metal parts even in the presence of water

Excellent water separation

Water is rapidly separated from the oil and can be drained from the system  
The formation of harmful deposits and filter plugging can be avoided  
Abnormal corrosion and wear of equipment can be prevented  
Increased operational safety of equipment

### Specifications and approvals

Viscosity grade: ISO VG 22  
ISO 11158 HM  
ISO-L-HM  
DIN 51524-2 (HLP)  
General Motors LS2 LH-02-1-00  
SAE MS1004 Type HM  
AFNOR NF-E-48603 (HM)

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### Properties

| Properties   | Typical values |
|--|----------------|
| Density at 15°C [g/cm <sup>3</sup> ]               | 0,865          |
| Kinematic viscosity at 40°C [mm <sup>2</sup> /s]   | 22,3           |
| Kinematic viscosity at 100 °C [mm <sup>2</sup> /s] | 4,4            |
| Viscosity index                                    | 103            |
| Pour point [°C]                                    | -27            |
| Flash point (Cleveland) [°C]                       | 200            |

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: 48 months

Recommended storage temperature: max. 40°C