

# MOL Hydro HLPD 68

## detergent hydraulic oil



MOL Hydro HLPD 68 is a premium quality hydraulic fluid, produced from carefully selected mineral base oils, containing additives that have detergent effect, including a zinc additive for reducing wear. It provides consistently high performance even in an environment affected by water and dust in industrial and mobile hydraulic systems working under heavy load conditions. It ensures outstanding wear resistance. In the standard vane pump test (Vickers V104C), the wear is 80 % lower than the specified limit.

### Application



Hydraulic equipment working in dusty and wet environment

Hydraulic systems of machine-tools

Hydraulic presses operated indoors or outdoors

Circulation systems

Hydraulic systems of earthmoving and forestry machines

Hydraulic systems of construction and mining machines

### Features and benefits

Detergent-dispersant properties

Jamming of system elements can be prevented  
Contaminants (water, emulsion, dust, wear particles) are finely distributed and can be removed by filtration  
Ensures appropriate cleanliness of equipment

Outstanding wear protection

Reliable long-term operation, even in equipment exposed to heavy loads at high pressures  
Long equipment lifetime

Good thermal and hydrolytic stability

Low deposit formation  
Provides stick-free operation of servo and control valves  
Long oil drain intervals  
Reliable operation, so reduced operational costs

Rapid air release together with low foaming

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

Excellent corrosion protection

Effective protection of steel and non-ferrous metal parts even in the presence of water  
Long machine lifetime, so reduced maintenance cost

### Specifications and approvals

Viscosity grade: ISO VG 68  
MAN N 698  
DIN HLP-D

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### Properties

Properties	Typical values
Density at 15°C [g/cm <sup>3</sup> ]	0,885
Kinematic viscosity at 40°C [mm <sup>2</sup> /s]	69,8
Kinematic viscosity at 100 °C [mm <sup>2</sup> /s]	8,7
Viscosity index	96
Pour point [°C]	-21
Flash point (Cleveland) [°C]	235

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

### Ordering information

Custom Tariff Number 27101983

#### SAP code and packaging:

13006294 MOL Hydro HLPD 68 180KG

216.5 l steel drum (for order only)

#### Order booking:

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