

MOL Hydro POC

multigrade hydraulic oil



MOL Hydro POC is a premium quality hydraulic fluid, that can be used over a wide temperature range. It contains a zinc based additive for reducing wear, is composed of mineral base oils of carefully selected quality, and provides consistently high performance even in an environment with widely fluctuating temperatures 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 85 % lower than the specified limit.

Application



- Equipment operating in a wide range of temperatures
- Hydraulic systems operating at high pressures and under heavy operating conditions
- Hydraulic systems of earthmoving and forestry machines

Features and benefits

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| High viscosity index | Optimum lubrication and reliable operation in a wide range of environmental and operational temperatures
Low hydraulic loss
Safe application throughout the year |
| Outstanding wear protection | Reliable operation, even in equipment exposed to heavy loads at high pressures
Anti-wear performance close to that of gear oils
Long equipment lifetime |
| Outstanding thermal and hydrolytic stability | Provides stick-free operation of servo and control valves
Long oil drain intervals |
| Outstanding filterability | No deterioration of filterability, even in the presence of moisture
Calculably low filter usage even with 2-3 micron pore size filter cartridges |
| Rapid air release together with low foaming | Stable balanced lubricating film between friction surfaces, giving long equipment lifetimes
Reduced risk of cavitation |
| Good water separation | Abnormal corrosion and wear of equipment can be prevented
Longer oil change interval and equipment lifetime |
| Improved cold flow properties | Reliable operation even at low temperatures |
| Good mechanical stability | Balanced equipment protection |

Specifications and approvals

- Viscosity grade: ISO VG 46
- ISO 11158 HV
- ISO-L-HV
- DIN 51524-3 (HVLP)
- Case Poclairn P110 32-03J

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Properties

Properties	Typical values
Density at 15°C [g/cm ³]	0,870
Kinematic viscosity at 40°C [mm ² /s]	48,9
Kinematic viscosity at 100 °C [mm ² /s]	8,5
Viscosity index	152
Pour point [°C]	-39
Flash point (Cleveland) [°C]	230

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:

13009350 MOL Hydro POC 170KG

216.5 l steel drum (for order only)

Order booking:

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