

# HYDROL L-HM/HLP

**QUALITY CLASS:** DIN 51524-2 HLP, ISO 6743-4 HM, ISO 11158 HM
**VISCOSITY GRADE:** ISO VG: 10, 15, 22, 32, 46, 68, 100, 150

## GENERAL FEATURES:

HYDROL L-HM/HLP ydraulic oils for hydrostatic systems are manufactured basing on high quality mineral base oils and a set of enriching additives improving antiwear, anticorrosive and antioxidative properties. It provides extended lifetime and reduces wear of hydraulic pump elements.

## APPLICATION:

Hydraulic oils intended for heavy-duty power transmission and hydraulic drive and control systems, i.e. hydraulic transmissions, regulating and controlling mechanisms and other similar equipment, where difficult operating conditions and increased ambient temperatures and humidity prevail.

## STANDARDS, APPROVALS. SPECIFICATION:

**Approvals:**
Parker Denison HF0, HF1, HF2 / (VG 32, 46, 68)
Central Mining Institute certificate mark B / (VG 15, 22, 32, 46, 68, 100, 150)

**Specifications, classification:**
DIN 51524-2 HLP
ISO 6743-4 HM
ISO 11158 HM

## PHYSICAL AND CHEMICAL PROPERTIES:

| Parameters | Unit | Typical values | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 10 | 15 | 22 | 32 | 46 | 68 | 100 | 150 |
| Density at 15°C | kg/m³ | 853,9 | 860,8 | 865,3 | 873,5 | 879,5 | 885,6 | 891,0 | 893,8 |
| Kinematic viscosity at. 40°C | mm²/s | 10,1 | 15,1 | 21,9 | 30,4 | 45,3 | 66,8 | 99,7 | 138,6 |
| Viscosity index | - | 101 | 102 | 102 | 103 | 104 | 100 | 96 | 95 |
| Flow temperature | °C | -36 | -35 | -35 | -30 | -30 | -27 | -26 | -24 |
| Flash point | °C | 162 | 180 | 195 | 211 | 227 | 237 | 247 | 269 |
| Corrosion effect on Cu plate, 100°C/3h | - | 1a | 1a | 1a | 1a | 1a | 1a | 1a | 1a |

Note: The above values of physical and chemical properties are typical values. Actual values are specified in quality certificates enclosed with each product lot.

**VERSION:**

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# HYDRAULIC OILS



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