

Lubricants for industry.

Hydro HLP



Fluid developed for use in hydraulic circuits

Use

- Moeve Hydro HLP is especially recommended for universal use hydraulic systems, where a high performance fluid is required.
- Specifically developed for high-pressure hydrostatic systems equipped with vane, gear, or piston pumps that require an anti-wear product.

Benefits

- High demulsibility
- Excellent resistance to foaming tendency and good release of occluded air.
- Protects the circuit thanks to its anti-wear capacity.
- High protection against corrosion and rust.
- Highly resistant to oxidation.
- High filterability.

Specifications

- DIN 51524 Part 2 HLP
- ISO 11158 HM
- ISO 6743-4 HM
- AFNOR NF-E 48-603 HM

Physical and chemical properties

| Parameter | Units | Method | Hydro HLP | |
|---------------------|-------|-------------|-----------|-------|
| ISO Grade | - | - | 46 | 68 |
| Viscosity at 40 °C | cSt | ASTM D-445 | 46 | 68 |
| Viscosity at 100° C | cSt | ASTM D-445 | 6.85 | 8.69 |
| Viscosity index | - | ASTM D-2270 | 103 | 99 |
| Density 15 °C | kg/l | ASTM D-4052 | 0.879 | 0.884 |
| Flash point COC | °C | ASTM D-92 | 204 | 210 |
| Pour point | °C | ASTM D-97 | -24 | -21 |

Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.