

Lubricants for industry.

Hydrosic HVLP



High viscosity index hydraulic fluid with zinc-free anti-wear technology.

› Use

- Moeve Hydrosic HVLP is a range of ashless, high viscosity anti-wear hydraulic fluids, specifically recommended for hydraulic systems where there may be temperature changes or low starting temperatures, and systems with high operating demands and applications such as circuits with servo valves or microfilters, robotic systems, etc.
- Due to its excellent anticorrosive qualities, it is recommended in conventional hydraulic circuits with water contamination problems, guaranteeing a long service life of the fluid.
- Zinc-free ("Ashless") additive technology offers reduced environmental impact compared to other hydraulic product additives, providing cleanliness, filterability and anti-wear protection.

› Benefits

- High viscosity index that provides excellent cold start-up.
- High demulsibility.
- Excellent resistance to foaming tendency and rapid release of occluded air.
- Protects the circuit thanks to its anti-wear capacity with ashless technology.
- Very high resistance to sludge and deposit formation.
- High protection against corrosion and rust.
- Highly resistant to oxidation.
- Excellent filterability.

› Specifications

- DIN 51524 Part 2 HLP
- AFNOR NF-E 48-603 HM
- EATON Brochure 03-401-2012
- ISO 6743-4 HM
- AFNOR FILTRABILITY (Dry&Wet)
- ISO 11158 HM
- FIVES CINCINNATI P-68 (ISO 32), P-69 (ISO 68), P-70 (ISO 46) ISO 11158 HM
- PARKER DENISON HF-0, HF-1, HF-2

› Physical and chemical properties

| Parameter | Units | Method | Hydrosic HVLP |
|---------------------|-------|-------------|---------------|
| ISO Grade | - | - | 46 |
| Viscosity at 40 °C | cSt | ASTM D-445 | 45.34 |
| Viscosity at 100° C | cSt | ASTM D-445 | 8.0 |
| Viscosity index | - | ASTM D-2270 | 151 |
| Density 15 °C | kg/l | ASTM D-4052 | 0.876 |
| Flash point COC | °C | ASTM D-92 | 218 |
| Pour point | °C | ASTM D-97 | -42 |

› 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.