

Lubricants for industry.

HydroStar HVLP



High viscosity index premium hydraulic fluid with anti-wear capacity.

Use

- Moeve Hydrostar HVLP is especially recommended for use in the most demanding hydraulic systems and those containing servo valve applications, robotic circuits, numerical control equipment, etc., and circuits that, due to their conditions, may be subject to high temperature variations. Its formulation includes a viscosity index improver that is highly stable under shear and compatible with the filters used in modern hydraulic systems.
- Due to its universal nature, the product can be used in hydrostatic systems under the most demanding pressure and temperature conditions.
- Moeve Hydrostar HLP is approved by leading pump manufacturers.

Benefits

- High viscosity index that provides excellent cold start-up.
- High demulsibility.
- Excellent resistance to foaming tendency and good release of occluded air.
- High antiwear power.
- Use in a high temperature range thanks to its viscosity index.
- Protects the circuit thanks to its anti-wear capacity.
- Very high resistance to the formation of sludge and deposits.
- High protection against corrosion and rust.
- Highly resistant to oxidation.
- High filterability.
- Excellent behavior in joints and elastomers.

Specifications

- DIN 51524 Part 3 HVLP
- AFNOR NF-E 48-603 HV
- BOSCH-REXROTH 90220
- ISO 6743-4 HV
- ISO FILTERABILITY (Dry&Wet)
- EATON Brochure 03-401-2012
- ISO 11158 HV
- PARKER DENISON HF-0, HF-1, HF-2
- FIVES CINCINNATI P-68 (ISO 32), P-69 (ISO 68), P-70 (ISO 46)

Physical and chemical properties

Parameter	Units	Method	HydroStar HVLP		
ISO Grade	-	-	32	46	68
Viscosity at 40 °C	cSt	ASTM D-445	31.3	47.5	68.1
Viscosity at 100° C	cSt	ASTM D-445	6.3	8.4	10.9
Viscosity index	-	ASTM D-2270	157	154	151
Density 15 °C	kg/l	ASTM D-4052	0.872	0.879	0.884
Flash point COC	°C	ASTM D-92	>200	>200	>200
Pour point	°C	ASTM D-97	-48	-39	-36

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.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.

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