

Lubricants for industry.

HydroStar HLP



Premium hydraulic fluid with universal use and anti-wear capacity.

Use

- Moeve Hydrostar HLP is specifically recommended for universally-used hydraulic systems. Specially developed for high-pressure hydrostatic systems equipped with state-of-the-art pumps that require premium anti-wear hydraulic fluid.
- Formulated to meet the requirements of the most modern high-pressure hydrostatic systems (especially those incorporating state-of-the-art vane and piston pumps).
- Moeve Hydrostar HLP is approved by leading pump manufacturers.

Benefits

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

Specifications

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

Physical and chemical properties

Parameter	Units	Method	HydroStar HLP					
ISO Grade	-	-	15	22	32	46	68	100
Viscosity at 40 °C	cSt	ASTM D-445	15	22	32	46	68	100
Viscosity at 100 °C	cSt	ASTM D-445	3.6	4.4	5.5	6.8	8.7	11.4
Viscosity index	-	ASTM D-2270	110	109	109	102	100	100
Density 15 °C	kg/l	ASTM D-4052	0.867	0.870	0.873	0.879	0.885	0.889
Flash point COC	°C	ASTM D-92	186	202	230	234	250	268
Pour point	°C	ASTM D-97	-45	-33	-24	-24	-21	-18

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.