

High viscosity index anti-wear hydraulic oil

APPLICATIONS

HYDRAULIC HV range is recommended for all kind of hydraulic systems operating under high pressure (limit as indicated by the pump manufacturer) and high temperature.

Suitable for hydraulic systems working under extreme temperature variations and equipment operating out side

SPECIFICATIONS

- Finol Hydraulic HV oils meet the following International Specifications:
- AFNOR NF E 48-603 HV
- ISO 6743/4 HV
- DIN 51524 P3 HVLP
- VICKERS M-2950S, -I-286

ADVANTAGES

- Very high viscosity index.
- Good shear stability.
- Superior thermal stability avoiding formation of sludge even at high temperature.
- Very good oxidation stability ensuring a long service life of the fluid.
- High protection against wear insuring maximum equipment life.
- Remarkable filterability even in the presence of water.
- Excellent hydrolytic stability avoiding filter blocking.
- Excellent protection against rust and corrosion.
- Good anti-foam and air release properties by using silicon free components
- Good demulsibility ensuring rapid water separation
- Very low pour point.

TYPICAL CHARACTERISTICS

	METHODS	UNITS	HYDRAULIC HV					
			15	22	32	46	68	100
Appearance:	Internal	-	Clear					
Density at 15°C:	ISO 3675	Kg/m ³	858	861	864	874	882	885
Viscosity at 40°C:	ISO 3104	mm ² /s	15	22	32	46	68	100
Viscosity at 100°C:	ISO 3104	mm ² /s	3.7	5.1	6.3	8.4	11.2	15.6
Viscosity index:	ISO 2909	-	151	164	140	161	161	165
Cleveland flash point:	ISO 2592	°C	174	202	190	215	220	230
Pour point:	ISO 3016	°C	-42	-42	-25	-39	-36	-36
FZG (A/8, 3/90) - fail stage:	DIN 51354	-	-	-	10	11	11	-
Filterability index (IF):	NF E 48-690	-	1.05	1.02	1.0	1.02	1.0	1.05
Shear resistance 250 cycles	DIN 51382	-	-	-	3	5	8	-
Viscosity loss @ 40°C:								

Above characteristics are mean values given as an information.

HYDRAULIC OIL HV

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be down loaded from www.finol.ie

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