

Product Data Sheet

MAK HYDROL HVLP

ISO VG: 32, 46 & 68

DESCRIPTION

These oils are blended from highly refined mineral oils fortified with extremely shear stable Viscosity Index Improver which gives exceptional high viscosity index.

APPLICATIONS

These are recommended for hydraulic application with sophisticated high performance Electro-hydraulic or Numerically Controlled systems. These oils are recommended for High Pressure Systems and Power Transmission Systems, requiring very high Viscosity Index, operating under high speeds, load and temperatures.

PERFORMANCE BENEFITS

- Exceptionally high viscosity index
- Premium grade extra heavy duty anti-wear oils
- Outstanding thermal stability, low pour point, high FZG rating
- Exceptionally shear stable under severe operating conditions
- Useful in low temperature operating conditions.

PERFORMANCE LEVEL

- IS 11656 : 1986 [Reaffirmed March, 2002]
- DIN 51 524 Part 3 – HVLP Type
- Denison HF-0 & HF-2
- Vickers 1-286-S
- US Steel 127
- Cincinatti Milacron P-70

Our grades meet above specification for the respective viscosity grades.

Characteristics	IS 1448	Typical Figures		
		32	46	68
Appearance	--	Brown & clear	Brown & clear	Brown & clear
Density at 15° C	P:16	0.8595	0.8643	0.8728
K.V at 40° C, cSt	P:25	32.5	46.3	68.2
Viscosity Index	P:56	144	144	147
Pour Point, °C	P:10	-21	-18	-18
Flash Point, (COC), °C	P:69	210	220	240
Copper Strip Corrosion Test at 100°C for 3 hrs.	P:15	1a	1a	1a
Foaming Characteristics/Stability	P:67	Nil	Nil	Nil
a) Sequence I				
b) Sequence II				
c) Sequence III		Nil	Nil	Nil

Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet may be referred.

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