



# HOH Series

## 300, 400, 600, 1000

**HOH series** are the best quality Hydraulic Oil formulated from high base stocks and premium grade hydraulic oil additives package to provide excellent performance in most of the Hydraulic applications. They are resistant to foaming & oxidation. These fluids have an inherently high viscosity index which is very much stable. In addition, it contains an effective anti-foam additive to control foam and facilitates the rapid release of entrained air, therefore maximizing hydraulic system efficiency.

**HOH series** are extremely efficient for Hydraulic systems operating in low, high or varying ambient temperature.

### APPLICATION

This series are suitable for hydraulic systems of all designs. They are equally usable in industrial, marine and mobile services which operate at low, high or rapidly changing ambient temperature.

### BENEFITS

- Excellent anti-wear properties.
- Excellent anti-corrosion, anti-rust properties.
- Low air retention/air entrainment properties.
- Low foaming properties.
- Shear stable properties.
- Superior filterability.
- Good thermal stability propertie.



### TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS			
		HOH 300	HOH 400	HOH 600	HOH 1000
<b>ISO VISCOSITY GRADE</b>		<b>H 32</b>	<b>H 46</b>	<b>H 68</b>	<b>H 100</b>
Appearance	ASTM D 4176	B & C	B & C	B & C	B & C
Color	ASTM D 1500	L 0.5	L 0.5	L 0.5	L 0.5
Density at 30°C gm/ml	ASTM D 4052	0.842	0.850	0.856	0.862
Kinematic Viscosity @ 40°C	ASTM D 445	31.78	47.41	73.6	102.95
Kinematic Viscosity @ 100°C	ASTM D 445	5.66	7.26	9.63	11.66
Viscosity Index	ASTM D 2270	115	114	109	101
Flash Point °C	ASTM D 92	235	242	245	246
Pour Point °C	ASTM D 97	-18	-18	-18	-18

Data Sheet



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### PERFORMANCE STANDARDS

- Denison HF-0, HF-1, HF-2
- DIN 51524 Part I (HL) & Part II (HLP)
- AFNOR NF E 48-690(Dry) & 691 (Wet)
- Vickers I-286-S & M-2950-S
- US Steel 126 & 127
- Cincinnati Machine P-68 (ISO 32)
- Cincinnati Machine P-70 (ISO 46)
- Cincinnati Machine P-69 (ISO 68)
- General Motor LH-04-1
- General Motor LH-06-1
- General Motor LH-15-1
- Sauer Danfoos
- Rexroth
- Bosch variable vane pumps
- Commercial Hydraulics (Except silver coated PM-500 series)
- JCMAS HK
- FZG A/8.3/90 Load test (DIN 51354) at 12th stage level



Data Sheet



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