



M-Hydro HVI 46, 68, 100

HIGH VISCOSITY INDEX ANTI-WEAR HYDRAULIC LUBRICANT

DESCRIPTION

M-Hydro HVI 46, 68 & 100 are range of technically advanced high viscosity index, anti-wear hydraulic lubricants, recommended for all kinds of hydraulic systems operating under high pressure and high temperatures. Ideal for civil engineering, agriculture, marine, transport and many other applications.

M-Hydro HVI 46, 68 & 100 is advanced for the extremes such as:

- Forklifts in brick kilns or cold stores.
- Hydraulic drives operating in the extremes of the Australian desert.
- Machine tools where viscosity must remain constant.

FEATURES & BENEFITS

- Available in ISO grades, 46, 68, 100
- Super High Viscosity index
- Long fluid life due to enhanced chemical and thermal stability
- Technically advanced for thermal stability avoiding the formation of sludge particularly at high temperatures
- High protection against wear, insuring the maximum life out of your equipment.
- Excellent filterability even when contaminated, thereby preventing filter blockages and saving filter replacement costs
- Excellent air release and anti-foam properties to prevent cavitation and oxidation

MEETS THE FOLLOWING SPECIFICATIONS:

- ISO Viscosity Grades 46, 68, 100
- Denison HF-0, HF-1, HF-2
- DIN 51 524 P3
- MIL-L-24459 (Ships)
- ISO 6743/4 CAT HV
- Vickers M2952-S

COMPATIBILITY

M-Hydro HVI 46, 68 & 100 is compatible with most pumps, valves, and seal materials. However, like all hydraulic oils containing zinc anti wear additives, it is not suitable for use with pumps having silver plated parts (e.g. some Lucas units).

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TYPICAL CHARACTERISTICS

	TEST METHOD	UNITS	RESULTS		
			46	68	100
Density @ 15°C	ASTM D1298	kg/L	0.856	0.8731	0.88
Kinematic Viscosity					
@ 40°C	ASTM D445	cSt	46	68	100
@ 100°C	ASTM D445	cSt	8	10.7	13.6
Viscosity Index	ASTM D2270		>150	>150	>150
Pour Point	ASTM D97	°C	-17	-17	-17
Flash Point (COC)	ASTM D92	°C	209	209	209
FZ Gear Test (A/8.3/90°C)	IP334	Stage Failure	11	11	11
Colour	ASTM D1500		1.5	1.5	2.0

THE FEATURES MENTIONED ABOVE ARE AVERAGE VALUES OBTAINED WITH SOME VARIABILITY IN PRODUCTION AND DO NOT CONSTITUTE A SPECIFICATION

STORAGE

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

HEALTH, SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained from our website www.monsterlubricants.com.au.

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