



M-Hydro 32, 46, 68

HIGH PERFORMANCE ANTI-WEAR HYDRAULIC LUBRICANT

DESCRIPTION

M-Hydro 32, 46 & 68 are a range of technically advanced high performance anti-wear hydraulic lubricants, recommended for all kinds of hydraulic systems, running under the most extreme conditions. Designed for use in mobile and stationary high-pressure hydraulic systems, circulating oils, bearing oils and gear lubricants. Thermally stable fluid capable of handling high loads and high temperatures.

FEATURES & BENEFITS

- Superior performance in oxidation protection, thermal stability, water tolerance and pump durability
- Available in ISO grades 32, 46 and 68
- Reduced pump wear
- Good demulsibility ensuring rapid water separation
- Excellent filterability
- Enhanced chemical and thermal stability provide long fluid life and permit higher operating temperatures

MEETS THE FOLLOWING SPECIFICATIONS:

- ISO Viscosity Grades 32, 46 and 68
- Cincinnati Milacron P68, P69, P70
- Denison HF-0, HF-1, HF-2
- DIN 51 524 Part 2 (HLP type oils)
- US Steel 136, 127
- Vickers 1-286-S, M2952-S

MEETS THE REQUIREMENTS OF THE FOLLOWING PUMP MANUFACTURERS:

- Hagglund
- Rexroth
- Danfoss
- Linde
- Bosch
- Vickers
- Sunstrand
- Denison
- Oilgear
- Cincinnati Milacron

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COMPATIBILITY

M-Hydro 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).

TYPICAL CHARACTERISTICS

	TEST METHOD	UNITS	RESULTS		
			32	46	68
Density @ 15°C	ASTM D1298	kg/L	0.8682	0.8773	0.8819
Kinematic Viscosity					
@ 40°C	ASTM D445	cSt	32	46	68
@ 100°C	ASTM D445	cSt	5.4	7	9
Viscosity Index	ASTM D2270		102	109	107
Pour Point	ASTM D97	°C	-27	-27	-27
Flash Point (COC)	ASTM D92	°C	>224	>224	>224
FZ Gear Test (A/8.3/90°C)	IP334	Stage Failure	11	11	11
Colour	ASTM D1500		1.5	1.5	1.5

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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