



HYDRAULIC OIL

ANTI WEAR

Magic Plus hydraulic fluids are based on highly refined mineral oil and enhanced with an advanced additive package. Its excellent oxidation resistance delivers good performance at higher temperatures and extended operating intervals. It has a high load-carrying capacity and provides good protection against corrosion, foaming, and sludge building. Good anti-wear performance prevents wear of internal components and reduces downtime.

Features & Benefits:

- Low pour point and good flow characteristics
- Good viscosity-temperature properties
- Excellent oxidation stability
- Protection against corrosion, foaming, and sludge building

Applications:

Mobile and static hydraulic applications of industrial and other equipment. Hydraulic cranes and lifts, loaders, reach trucks, forklifts, excavators, dumpers, loading ramps, and tailboards etc.

Specifications, Approvals & Recommendations: (Meets / Exceeds)

- DIN 51524-2 HLP
- ASTM D6158-05 HM
- Eaton (Vickers) M-2950 S, I-286 S
- ISO 11158 HM
- AFNOR NF-E 48-603
- Cincinnati P-68 (ISO 32)
- Cincinnati P-70 (ISO 46)
- Cincinnati P-69 (ISO 68)
- Denison HF-0, HF-1, HF-2

Technical Data:

Parameters	ASTM	Unit	Typical Results						
			15	22	32	37	46	68	100
ISO VG Grade			15	22	32	37	46	68	100
Viscosity @ 104 °F / 40 °C	D-7042	cSt	15	22	32	37	46	68	100
Viscosity @ 212 °F / 100 °C	D-7042	cSt	3.37	4.25	5.45	5.97	6.89	8.70	11.07
Viscosity Index	D-2270		90	95	105	103	104	99	95
Density @ 60 °F / 15 °C	D-4052	g/cm ³	0.840	0.860	0.863	0.865	0.868	0.869	0.870
Flash Point (min)	D-92	°C	180	216	224	230	232	238	248
Pour Point (min)	D-97	°C	-27	-24	-24	-24	-24	-24	-18

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. For further Information on Safety Guidelines please refer to MSDS available on our website magicplusoil.net

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