



HYDRAULIC OIL

HVLP

Magic Plus hydraulic oil HVLP is a high viscosity index anti-wear hydraulic oil. It is formulated to have a high viscosity index and a low pour point for use over a wider temperature range than conventional antiwear hydraulic oils. It provides excellent wear protection for hydraulic pumps and motors has excellent oxidation resistance and thermal stability at high temperatures to minimize deposit formation and provide long service life, and protects hydraulic system components against rust and corrosion.

Features & Benefits:

- Excellent demulsibility
- Very good corrosion protection to steel
- Good corrosion protection to copper
- High ageing stability / high oxidation stability
- Good AW wear protection
- Very good hydrolytic stability
- Excellent filtration behaviour (dry, wet)
- Low foaming
- Excellent air release

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. Sometimes recommended for: hydraulic systems of metalworking machines or circulation systems of industrial machinery.

Specifications, Approvals & Recommendations: (Meets / Exceeds)

- DIN 51524 Part 3, Type HVLP

Technical Data:

Parameters	ASTM	Unit	Typical Results					
			15	22	32	46	68	100
ISO VG Grade			15	22	32	46	68	100
Viscosity @ 104 °F / 40 °C	D-7042	cSt	15	22	32	46	68	100
Viscosity @ 212 °F / 100 °C	D-7042	cSt	3.74	4.77	6.0	7.9	10.6	14
Viscosity Index	D-2270		140	140	146	143	144	142
Density @ 60 °F / 15 °C	D-4052	g/cm ³	0.835	0.845	0.860	0.865	0.870	0.880
Flash Point (min)	D-92	°C	180	204	200	200	200	200
Pour Point (min)	D-97	°C	-33	-33	-35	-35	-35	-35

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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