



HYDOL HVLP

PRODUCT DESCRIPTION:

Hydol HVLP hydraulic oil is designed 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. Hydol HVLP hydraulic oil is a high viscosity index antiwear hydraulic oil.

APPLICATION:

For 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.

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 behavior (dry, wet)
- Low foaming
- Excellent air release

PERFORMANCE LEVELS: Meets and Exceeds:

- DIN 51524 Part 3, Type HVLP

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	HYDOL HVLP					
			15	22	32	46	68	100
Grade								
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	3.74	4.77	6.0	7.9	10.6	14
Viscosity Index	ASTM D-2270	-	140	140	146	143	144	142
Density @15°C/ 60°F	ASTM D-4052	g/cm3	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	ASTM D-92	°C	180	204	200	200	200	200
Pour Point (max)	ASTM D-97	°C	-33	-33	-35	-35	-35	-35

DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.