



## HYDOL HLP

### PRODUCT DESCRIPTION:

HYDOL HLP is an advanced quality hydraulic fluid blended with premium mineral oil base stock 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.

### 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 etc.

### FEATURES & BENEFITS:

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

### PERFORMANCE LEVELS: Meets and Exceeds:

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

### TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	HYDOL HLP						
			15	22	32	37	46	68	100
Grade									
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	3.37	4.25	5.45	5.97	6.89	8.70	11.07
Viscosity Index	ASTM D-2270	-	90	95	105	103	104	99	95
Density @15°C/ 60°F	ASTM D-4052	g/cm3	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	ASTM D-92	°C	180	216	224	230	232	238	248
Pour Point (max)	ASTM D-97	°C	-27	-24	-24	-24	-24	-24	-18

### 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.