



HYDROL HVLP

PRODUCT DESCRIPTION:

HYDROL HVLP hydraulic oil is a high-viscosity index antiwear hydraulic fluid, designed to perform across a wider temperature range than conventional oils. With a high viscosity index and low pour point, it provides excellent wear protection for hydraulic pumps and motors. This oil also offers outstanding oxidation resistance and thermal stability at high temperatures, helping to minimize deposit formation and ensure long service life. Additionally, it protects hydraulic system components from rust and corrosion.

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 or Exceeds:

- DIN 51524 Part 3, Type HVLP

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	TORQUE HVLP						
			15	22	32	46	68	100	150
Grade			15	22	32	46	68	100	150
Kinematic Viscosity @ 104°F /40°C	ASTM D7042	cSt	15	22	32	46	68	100	150
Kinematic Viscosity @ 212°F /100°C	ASTM D7042	cSt	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Viscosity Index	ASTM D2270	-	140	140	140	140	140	140	140
Density@15°C/ 60°F	ASTM D4052	g/cm ³	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	ASTM D92	°C	180	200	200	200	200	200	200
Pour Point (max)	ASTM D97	°C	-33	-33	-33	-33	-33	-33	-33

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com