



TORQUE HVL

PRODUCT DESCRIPTION:

Torque HVL hydraulic oil 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.

APPLICATION:

Torque HVL hydraulic oil is recommended 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. It is sometimes recommended for: hydraulic systems of metal-working 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 behaviour (dry, wet)
- Low foaming
- Excellent air release

PERFORMANCE LEVELS: Meets and Exceeds:

- DIN 51524 Part 3, Type HVL

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	TORQUE HVL					
			15	22	32	46	68	100
Grade			15	22	32	46	68	100
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	15	22	32	46	68	100
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
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm ³	0.835	0.845	0.860	0.865	0.870	0.880
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



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INDUSTRIAL HYDRAULIC FLUID

Technical Data Sheet



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 www.lubrex.net

HEALTH & SAFETY:

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. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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