



AXENT HLP

PRODUCT DESCRIPTION:

AXENT HLP hydraulic fluids are formulated with highly refined mineral oil and an advanced additive package. They offer excellent oxidation resistance, ensuring reliable performance at elevated temperatures and extended operating intervals. With a high load-carrying capacity, they provide superior protection against corrosion, foaming, and sludge buildup. Their outstanding anti-wear properties help prevent internal component wear, minimizing downtime and enhancing equipment longevity.

APPLICATION:

Suitable for both mobile and stationary hydraulic applications in industrial and other equipment, AXENT HLP hydraulic fluids are ideal for use in hydraulic cranes, lifts, loaders, reach trucks, forklifts, excavators, dumpers, loading ramps, tailboards, and more.

FEATURES & BENEFITS:

- Good anti-wear performance - prevents wear of internal components reducing downtime.
- Low pour point and good flow characteristics.
- Good viscosity-temperature properties.
- Excellent oxidation stability-Extends service life.
- Protection against corrosion, foaming, and sludge building.

PERFORMANCE LEVELS: Meets or Exceeds:

- DIN 51524-2 HLP
- 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	AXENT HLP						
Grade			15	22	32	37	46	68	100
Kinematic Viscosity @ 104°F / 40°C	ASTM D7042	cSt	15	22	32	37	46	68	100
Kinematic Viscosity @ 212°F / 100°C	ASTM D7042	cSt	3.37	4.25	5.45	5.97	6.89	8.70	11.07
Viscosity Index	ASTM D2270	-	90	95	105	103	104	99	95
Density@15°C/ 60°F	ASTM D4052	g/cm ³	TBR	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	ASTM D92	°C	180	216	224	230	232	238	248
Pour Point (max)	ASTM D97	°C	-27	-24	-24	-24	-24	-24	-18

DISCLAIMER: The test data presented above is for reference only and not a specification. It may vary within acceptable production tolerances. Alpha reserves the right to update this data, with the latest version of the Technical Data Sheet (TDS) taking precedence over previous versions.

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil may lead to skin issues. Avoid contact. If contact occurs, wash immediately with soap and water. Do not dispose of used oil in drains or the environment. Instead, take it to an authorized oil collection facility. For more safety information, please refer to the MSDS available on our website: www.alphaoil.ae

HEALTH & SAFETY:

When used correctly in the recommended application and with proper personal hygiene, this product is unlikely to pose significant health or safety risks. For detailed safety information, refer to the Safety Data Sheet (SDS), available upon request from your local sales office or online. www.alphaoil.ae

PROTECT THE ENVIRONMENT:

Dispose of used oil at an authorized collection point. Follow local regulations and avoid releasing it into drains, soil, or water.

STORAGE:

We recommend storing all packages under cover. If outdoor storage is necessary, drums should be placed horizontally to prevent water ingress and protect drum markings. Products should not be stored above 60°C or exposed to direct sunlight or freezing conditions.