



AXENT HL

PRODUCT DESCRIPTION:

AXENT HL is a rust and oxidation (R&O) inhibited circulating oil formulated for use in circulation systems, centrifugal air compressors, geared turbines, lightly loaded enclosed gear drives, and various other industrial applications.

APPLICATION:

AXENT HL is suitable for tools and other pneumatic equipment lubricated through air line lubricators, as well as centrifugal air compressors, steam turbines, and hydroelectric turbines, both direct-drive and gear-driven. It is also ideal for lightly loaded enclosed industrial gear drives where an R&O type oil is specified by the OEM, as well as lightly loaded plain and rolling-element bearings found in electric motors, blowers, vacuum pumps, deep-well water pumps, and machine tools. Additionally, it serves as a general-purpose lubricant for machinery and shop applications.

FEATURES & BENEFITS:

- Good oxidation resistance to minimize sludge and varnish formation
- Mild wear protection
- Protects against rust and corrosion
- Excellent water-separating properties
- Low carbon-forming tendency for use in centrifugal air compressors
- Good foam resistance

PERFORMANCE LEVELS: Meets or Exceeds Performance requirements of:

- DIN 51517-2 (HL)
- DIN 51524-1
- BS 489
- ASTM D4304 TYPE 1
- GEK 101941A, GEK 46506E
- GEK 27070, GEK 28143A
- MIL-L-17672D
- US STEEL 126

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	AXENT HL					
			32	46	68	100	150	220
Grade			32	46	68	100	150	220
Kinematic Viscosity @ 104°F /40°C	ASTM D7042	cSt	32	46	68	100	150	220
Viscosity Index	ASTM D2270	-	90	90	90	90	90	90
Density@15°C/ 60°F	ASTM D4052	g/cm ³	TBR	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	ASTM D92	°C	210	220	230	240	250	260
Pour Point (max)	ASTM D97	°C	-18	-18	-18	-18	-15	-12
Copper Strip Corrosion, 3 h @ 100° C	ASTM D130	°C	1A	1A	1A	1A	1A	1A

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.