

Atlas Spindle Oil (SPINNIT 10)

PRODUCT DESCRIPTION

Spindle oil is a lubricating oil designed for high-speed machinery spindles. Its key components include base oils, anti-wear additives, anti-oxidation agents, rust inhibitors, and viscosity modifiers to ensure effective lubrication and protect spindle systems from wear and corrosion.

APPLICATIONS

Spindle Oil is designed for use in all types of spindle bearings, including precision machine tool bearings and as it is formulated without anti wear additives it is suitable for seal oil systems.

ADVANTAGES

- Good thermal and oxidative stability leads to longer operating life, reduction in lubricant costs and minimizes deposit formation giving a cleaner system.
- Good protection of yellow metal and ferrous components helps maintain and prolong equipment life.
- Excellent water separation and hydrolytic stability means reduced down time through prolonged lubricant life and increased equipment reliability.
- Controlled foaming to provide consistent lubrication under the high agitation conditions found in spindle bearings.

TYPICAL CHARACTERISTICS

Properties	Units	Methods	Values
ISO Viscosity Grade	-	-	10
Relative Density @ 15°C	g/ml	ASTM D1298	0.85
Kinematic Viscosity @ 40°C	c.St	ASTM D-445	10
Kinematic Viscosity @100°C	c.St	ASTM D445	2.6
Viscosity Index	-	ASTM D2270	96
Pour Point	°C	ASTM D97	-9
Flash Point COC	°C	ASTM D92	180

The typical characteristics mentioned represent mean values.

SAFETY, HEALTH & ENVIRONMENT

Spindle oil unlikely to have any significant health or safety hazard when properly used in recommended application and follow good standards of personal hygiene.

Avoid prolong contact with skin. Use impermeable gloves while handling oil. After skin contact, wash with soap and water.