



SPO SPINDLE OIL

PRODUCT DESCRIPTION:

SPO Spindle Oil is low viscosity spindle bearing oil formulated from highly refined mineral oil, anti-wear agents and rust and oxidation inhibitors. Designed for the lubrication of high speed textile machines and automated machine tools. They are also used in some critical hydraulic, circulation systems and air line oilers where the appropriate viscosity grade is selected.

APPLICATION:

- Textile machine spinning frame spindles.
- Automated machine tools requiring low viscosity oil.
- High speed, lightly loaded spindles, or where the use of higher viscosity oils leads to unacceptably high temperatures.
- Lightly loaded high speed industrial machine bearings.
- Industrial circulating oil systems requiring low viscosity oil.
- Hydraulic systems where lower viscosity, anti-wear fluids are recommended.
- Precision grinders, lathes, jig borers and tracer mechanisms.

FEATURES & BENEFITS:

- Anti-wear additives protect bearing surfaces from wear when increasing load and temperature can cause breakdown of oil film.
- Oxidation inhibitors help prevent formation of damaging deposits and varnish at elevated temperatures.
- Effective rust and corrosion inhibitors protect equipment under humid operating conditions.
- Highly refined base oils and effective oxidation inhibitors provide excellent resistance to degradation and thickening of oil.
- Improves equipment life and provides increased precision long-term.

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	SPO SPINDLE OIL			
			10	22	32	46
ISO VG Grade			10	22	32	46
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR	TBR	TBR	TBR
Viscosity Index	ASTM D-2270	-	100	100	100	100
Copper strip corrosion at 100°C for 3 Hrs, Max	ASTM D-97	°C	1A	1A	1A	1A
Flash Point (min)	ASTM D-92	°C	187	200	210	220
Pour Point (max)	ASTM D-97	°C	-15	-18	-18	-18

DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.