



## ELPRIMO SPINDLE OIL

**PRODUCT DESCRIPTION:**

ELPRIMO SPINDLE OIL is a specialized low-viscosity bearing oil that is specifically formulated for high-speed textile machines and automated machine tools. It is made from highly refined mineral oil and contains anti-wear agents as well as rust and oxidation inhibitors. This oil is not only suitable for lubricating spindle bearings but can also be used in critical hydraulic systems, circulation systems, and airline oilers, as long as the appropriate viscosity grade is selected.

**APPLICATION:**

ELPRIMO SPINDLE OIL is suitable for a wide range of applications, including textile machine spinning frame spindles, automated machine tools that require low viscosity oil, high-speed and lightly loaded spindles where using higher viscosity oils would result in excessive temperatures, lightly loaded high-speed industrial machine bearings, industrial circulating oil systems that require low viscosity oil, hydraulic systems that benefit from lower viscosity and anti-wear fluids, as well as 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 PROPERTIES:**

PARAMETERS	ASTM	UNIT	ELPRIMO SPINDLE OIL			
			10	22	32	46
ISO VG Grade			10	22	32	46
Kinematic Viscosity @ 104°F /40°C	ASTM D7042	cSt	10.2	22.4	32.1	46.2
Viscosity Index (min)	ASTM D2270	-	100	100	100	100
Copper strip corrosion at 100°C for 3 Hrs, Max	ASTM D97	°C	1A	1A	1A	1A
Flash Point (min)	ASTM D92	°C	187	200	210	220
Pour Point (max)	ASTM D97	°C	-15	-18	-18	-18

**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 into 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.bravoil.ae](http://www.bravoil.ae)

**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.bravoil.ae](http://www.bravoil.ae)

**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.