



OPTIMUS SPINDLE OIL

PRODUCT DESCRIPTION:

Optimus 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 PROPERTIES:

PARAMETERS	ASTM	UNIT	OPTIMUS 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	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

DISCLAIMER: The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

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 in to 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.lubrex.net

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.lubrex.net

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.

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