



OPTIMUS KNITTING OIL

PRODUCT DESCRIPTION:

Optimus Knitting Oil is especially designed for application in knitting industry. Blended with high quality, highly refined base oils and improved anti-wear additives to meet the increased requirements of knitting industry in terms of high speed and temperatures. The oil has good oxidation stability and provides long life to machine components. It provides excellent lubrication as well as affording complete removability from fabric during most scouring processes. It is compatible with all conventional sealing materials, rubber and plastic components.

APPLICATION:

- For lubrication of needles, sinkers and cam boxes
- For all applications on hosiery, circular and flat knitting machines

FEATURES & BENEFITS:

- Complete water washability significantly reduces incidents of oil staining and spotting of fabrics.
- Extreme-pressure and anti-wear properties afford excellent lubrication for the projectile circuit.
- Good compatibility with brake shoes, GS sight glasses, and all original equipment elastomers used in Sulzer weaving machines.

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	OPTIMUS KNITTING OIL		
			10	22	32
ISO VG Grade			10	22	32
Kinematic Viscosity @ 104°F /40°C	ASTM D7042	cSt	10	22	32
Flash Point, COC, Min	ASTM D92	°C	180	190	200
Pour Point, Max	ASTM D97	°C	-15	-15	-15
Copper strip corrosion at 70°C, for 3 Hrs., Max	ASTM D130	-	1b	1b	1b
Tests for colour fastness of textiles (Grey scale for assessing change in colour)	DIN EN 20105/ISO 105-A02	-	Pass	Pass	Pass

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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