



OPTIMUM
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

COMET KNITTING OIL S

DESCRIPTION

Comet Knitting Oil S emulsion generally consists of a round of mineral based lubricating oil and additives. While the mineral base oil serves the purpose of forming the major chunk of the lubricating oil emulsion, the additive components mix to serve a variety of purposes and it comprises of emulsifier anti-rust agent, friction modifiers, antioxidant and metal deactivators.

APPLICATIONS

- Used with all types of knitting machine, right from full fashion machines that use nylon yarn to circular knit machines that work with light (less dense) oils.
- All the high-speed textile production machinery involves the use of needles, lifters, and sinkers.
- Rapier guides and jacquard components on weaving machines.
- These h a variety of knitting machines, either electronically or mechanically controlled.

FEATURES & BENEFITS

- Can be conveniently used with all types of knitting machines.
- Increased flexibility in terms of usability of lubrication oil.
- Excellent anti-wear and lubrication properties.
- A significant reduction in energy losses, translating into an increase in overall efficiency Keeps check on needle temperatures during high-speed knitting.
- Increases the life of knitting machine and all the components exposed to continuous wear and tear.
- Provides the machine with the ability to work well even at adverse working conditions.

HEALTH AND SAFETY

Prolonged and repeated contact with grease may cause skin disorders. In case skin contact, wash immediately with soap and water. Do not discharge used oils in to drains or the environment. Dispose to an authorized used oil collection point.

NB: Always store on temperature between -5° C to 40° C



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PHYSICAL PROPERTIES

Properties	Test Methods	Unit	Typical values
Appearance			Clear and bright
Kinematic Viscosity @40	ASTM D445	Cst	32
10% Emulsion		Cst	Stable
Flashpoint	ASTM D 92		200
Density	ASTM D1298	Kg/L	0.850



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