



OPTIMUM  
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

# COMET SOLUBLE TEXTILE

## DESCRIPTION

Comet Soluble Cutting Oil is formulated from high quality base oils and combination of passive and extreme pressure additives package especially developed for cutting oils used in severe operations.

Comet Soluble cutting oil is extremely effective at providing rust and corrosion protection of parts, cutting tools and the machine.

## APPLICATIONS

Comet Soluble Cutting Oil is multipurpose neat cutting oils for turning, milling, reaming, drilling, shaping and broaching of a wide variety of metals. It has outstanding emulsion stability and readily mixes with water. It is recommended at 10:1 up to 20:1 water oil dilution for milling, boring and turning and 40:1 for grinding.

The emulsion is prepared by adding oil to water and not vice versa. It is non-sating and can be used on both ferrous and non-ferrous metals.

## FEATURES & BENEFITS

- Gives excellent surface finish on parts
- Good oxidation stability
- Corrosion and rust protection of parts and machine.
- Excellent cooling properties that avoid overheating of parts and chips in machine operations.
- Reduces tool wear.
- Helps prevent varnish and sludge formation.
- Non-staining to ferrous and non-ferrous metals.
- Increase tool life and faster machining



Optimum Lubricants Ltd.  
ISO 9001:2015 CERTIFIED  
P.O. BOX 49925 - 00100

Phone: +254 725 872 425  
+254 726 706 398  
Email: [sales@cometoil.com](mailto:sales@cometoil.com)  
Website: [www.cometoil.com](http://www.cometoil.com)





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## PHYSICAL PROPERTIES

Properties	Test Methods	Unit	Typical values
Appearance	Visual		Clear & Bright
Color	ASTM D 1500		3
Density @ 15 °C	ASTM D 1298	Kg/l	0.895
Emulsion stability 4000pm oil	IP 263	ML	NIL
Rust prevention brake point	IP 287		20:
pH emulsion	ASTM D 1287		7.5

## HEALTH AND SAFETY

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

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



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