



## OPTIMUS NEAT CUTTING OIL

### STRAIGHT & NEAT CUTTING OIL

#### PRODUCT DESCRIPTION:

Optimus Neat Cutting oil is a non-corrosive type all-purpose oil suitable for ferrous and non-ferrous applications and acts as an excellent metal working oil particularly for machining operations on automatics, where intense heat is generated at work- piece/tool interface, due to high spindle speeds and short cycle time. It contains active and non-active Sulphur, fatty oil and chlorinated additives to give better surface finish and longer life of cutting tools over a wide range of operating temperatures by providing an excellent lubricating film which resists cutting stresses.

#### APPLICATION:

Optimus Neat Cutting Oil is recommended for multipurpose machining operations of ferrous and non-ferrous metals including different grinding and milling operations.

#### FEATURES & BENEFITS:

- Provides effective heat dissipation during machining operations and assists in avoiding metal distortion.
- Does not stain the components.
- Maintains its light colour during operations and hence the components remain visible during operation.
- Can be used for machining ferrous and non-ferrous metals.

#### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	CUTTING OIL
Kinematic Viscosity @ 104°F /40°C	D7042	cSt	20-24
Flash Point (min)	D92	°C	160
Copper strip corrosion at 100°C for 3 Hrs, Max	D2896	Mg KOH/g	1

**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](http://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](http://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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