



Gulfcut 59E

Active Neat Cutting Oil

Product Description

Gulfcut 59E is light colored, chlorine free active-sulphur type metal working fluid developed for difficult to machine metal. This oil is formulated with a combination of performance additives to protect the work-piece and tool under broad range of operating conditions. Its special chemistry provides excellent surface finish and extended tool life even in severe machining operations.

Features & Associated Benefits

Features	Associated Benefits
Active Sulphur Extreme-Pressure additives	Prevent localized welding between chip and tool, longer tool life, fewer rejections
Chlorine-free chemistry	Environmental friendly, acceptability of operators, hassle-free disposal
Light Colour	Visibility to the operator

Applications

- Machining of high tensile stainless steels and Nickel-Chromium alloys
- Machining of automates
- Gear cutting and hobbing operations
- Reaming and thread cutting operations
- Thread milling

Typical Properties

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Test Parameters	ASTM Method	Typical Values
Kinematic Viscosity at 40°C, cSt	D 445	32.0
Flash Point, °C, COC	D 92	194
Density @ 15 °C Kg/l	D 1298	0.8907
Copper Corrosion	D130	4c
Active Sulphur		Present
Chlorine		Absent

Material Compatibility

Ferrous Metals	Yes	Ceramic	Yes
Yellow Metals	No	Diamond	Yes
Alloys of Aluminium	No	Boron Nitride	Yes

Handling & Storage guidelines

- Refer Safety Data Sheet for Health and Safety related information.
- Used product to be disposed by referring to applicable statutory guidelines.
- Store preferably in in-door condition.
- Under normal storage condition, the product should be consumed within 1 year for optimum performance.

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

Gulf Oil International

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