



Gulfcut 59A Active Neat Cutting Oil

Product Description

Gulfcut 59A is a premium quality compounded sulphurized mineral fatty oil ideal for tough machining job. It is low viscosity oil containing special lubricity agent to provide extra cutting assistance. It is free from chlorine and heavy metals. It is well balanced with Extreme Pressure additive and lubricity agent to prevent damage to tool and work-piece due to shock loading at the same time providing excellent surface finish. It allows high rate of metal removal thus saves time in machining.

Features & Associated Benefits

Features	Associated Benefits
Presence of extreme pressure additives	Longer tool life, faster machining operations, better dimensional accuracy, protection to work piece
Presence of lubricity agent	Improved surface finish, protection to work-piece
Appropriate viscosity	Quick removal of swarf , effective cooling
Chlorine free chemistry	Environmental friendly, easier disposal

Applications

- Gun drilling, deep boring and trepanning operations
- Broaching & Tapping of alloyed steel
- Machining on multi-tool set up machine tools

Specifications & Typical Properties

Specification	IS3065-1985 Type 3 Grade I	
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Kinematic Viscosity at 40°C, cSt	D 445	12.5
Flash Point, °C, COC	D 92	188
Density @ 15 °C Kg/l	D 1298	0.9077
Copper Corrosion	D130	4a
Active Sulphur		Present
Chlorine		Absent

Material Compatibility

Ferrous Metals	Yes	Nickel	Yes
Yellow Metals	No	Chromium	Yes
Alloys of Aluminium	No	Diamond	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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