



## Gulfcut 49A

### Active Neat Cutting Oil

#### Product Description

**Gulfcut 49A** is sulphurised mineral oil based cutting fluid recommended for moderate to severe cutting applications. Extremely effective extreme pressure additive chemistry protects tool and work-piece from severe conditions encountered during tough and arduous machining conditions; lighter oil colour enables the operator to monitor the operation closely. This oil is ideal for tough to machine metals such as nickel and stainless steel.

#### Features & Associated Benefits

Features	Associated Benefits
Presence of extreme pressure additives	Prevention of Built-up edges, longer tool life, faster machining operations, better dimensional accuracy, prevention of localized welding between chip and tool
Appropriate viscosity	Effective lubrication, effective cooling
Light colour	Visibility to the operator, closer dimension tolerances

#### Applications

- Machining of high tensile Stainless Steels and Nickel-Chromium alloys
- Deep hole drilling
- Broaching & Tapping
- Gun drilling, Deep boring and Trepanning operations

#### Specifications & Typical Properties

Specification		
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Kinematic Viscosity at 40°C, cSt	D 445	32.0
Flash Point, °C, COC	D 92	180
Density @ 15 °C Kg/l	D 1298	0.8807
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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