



## Gulfcut 91A Neat Honing Oil

### Product Description

**Gulfcut 91A** is low viscosity neat cutting oil, imparting high lubricity and extremely good thermal stability. This product is particularly suitable for operations requiring high precision like honing. Gulfcut 91A has special additives, which give excellent surface finish on machining of hard to machine metals. This also can be used for super-finishing operations using stones in place of tapes. Carefully selected additive technology does not allow sulphur-leaching of the work-piece.

### Features & Associated Benefits

Features	Associated Benefits
Excellent Lubricity	Improved surface finish, lesser power consumption
High chip flushing ability	Longer life of cutting tools/hones, excellent surface finish
Good cooling	Longer tool/hone life, reduced rejections
Less misting tendency	Reduced oil loss, acceptability to operators, clean machining area

### Applications

- Honing
- Super-finishing
- Light drawing & stamping

### Specifications & Typical Properties

		Gulfcut 91A
<b>Typical Properties</b>		
<b>Test Parameters</b>	<b>ASTM Method</b>	<b>Typical Values</b>
Kinematic Viscosity at 40°C, cSt	D 445	5.0
Flash Point, °C, PMCC	D 93	106
Density @ 15 °C Kg/l	D 1298	0.8462
Copper Corrosion	D130	1b
Active Sulphur		Absent
Chlorine		Absent

### Material Compatibility

Ferrous Metals	Yes	Glass	Yes
Yellow Metals	Yes	Ceramics	Yes
Nickel	Yes		

### Handling & Storage guidelines

- Refer Safety Data Sheets 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 conditions, 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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