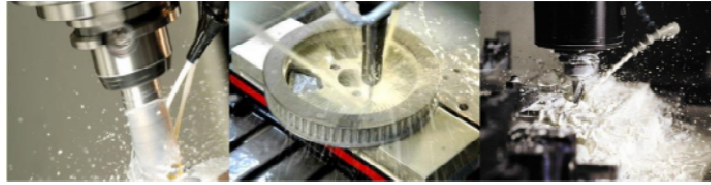




SASA PRIVATE LIMITED



Technical Datasheet

Product: ANTI RUST Series Metal Working Fluids

Grade : Semi Synthetic Oils (Sharp-3000)

Product Description:

Sharp 3000 is a semi synthetic cutting oil with excellent anti corrosion properties, extreme lubrication, extended sump life, longer tool life & extreme pressure performance for heavy duty applications. The emulsion formed provides superb lubricity and cooling to the tool and component for excellent surface finish. Sharp 3000 is recommended for medium to heavy duty applications.

The product readily dilutes in all water qualities to form a fine, low odour, milky white emulsion, which resists demulsification and separates tram oils.

Features:

- Very good rust prevention on parts after machining
- High Level of Extreme Pressure Additives
- Excellent Cooling Power
- All metal compatibility - Al, Cu, Zn, Fe, Bronze, Mg etc.
- Extended sump life- 6months - 1 year
- Exceptional Resistance to bacterial degradation
- Adapted for a wide range of machine feeds & speeds
- Fewer nicks & wearability on tools
- Lower Operational temperatures

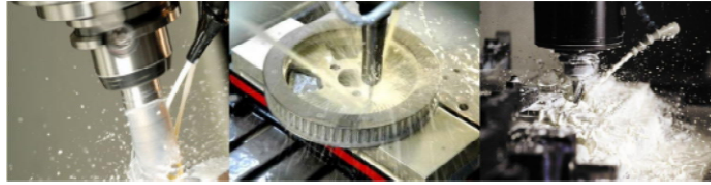
Coolant Management

Dilution: Do not add just water and then the cutting oil to the tank. Rather make mixture separately in a barrel for the required concentration and mix throughougly. Then add this mixture to the machine coolant tank. Use a hand refractro meter to constantly measure the concentration and record regularly on the machine.

Tramp Oils arise from positive loss lubricators, oily stock, hydraulics, etc. If allowed to build up in the system, tramp oils are the most frequent cause of performance loss. Their presence leads to bacterial degradation, de-emulsification, souring (pH drop) corrosion and poor finishes. On machines standing idle, anaerobic spoilage can be prevented by re-circulating the coolant a few hours twice weekly. Staff will be pleased to provide on-site technical advice and training on your specific coolant requirements.



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Physical, Chemical & Corrosion Prevention Properties

Properties	Test Method	Value
<u>Colour</u>	Visual	Amber Clear
<u>Viscosity @ cSt @ 40°C</u>	ASTM D 445	45-55 cSt
<u>Specific Gravity</u>	ASTM D 1298	0.85 - 0.96
<u>Corrosion performance</u>	ASTM 4627-86	Pass(5% solution)
<u>Colour of Emulsion @ 5% conc. in water</u>		Milky White
<u>Refractometer reading @ 5% conc.</u>		5
<u>Odour</u>		None
<u>Concentration</u>		3-5% depending upon severity of operation
<u>pH @ 5% in 1000 ppm water</u>		8.5-9.5

Packaging Available:

26 Liters Can & 210 Liters Barrel

Safety Information:

Products do not contain Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6), Polybrominated biphenyls (PBB), or Polybrominated di-phenylether complying with the restricted substances listed in Article 4(1) of the RoHS Directive.

Use of safety equipment such as gloves, goggles is recommended. Do not inhale vapors.

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