

Technical Data Sheet



RLT – F50

Water Based Micro-Emulsion EP Cutting Fluid

Description

RLT-F50 has excellent lubricity, anti-rust, cooling and EP properties.

RLT-F50 is formulated with high-effective corrosion inhibitor additive, lubricants, EP additives and so on. It does not contain sulfur, phosphor, chlorine, sodium nitrite and acid.

RLT-F50 has good bio-stability to ensure long service life.

RLT-F50 is suitable for CNC machine center, multi-purpose combined tool machine and centralized cooling system.

RLT-F50 is suitable for the operations such as turning, drilling, grinding and CNC machine center for the material of ferrous metal, copper and aluminum.

Features and benefits

- Excellent lubricity
- Good bio-stability
- Excellent protection for both ferrous and non-ferrous metals.
- Long service life
- Outstanding cleaning property

Typical physical and chemical properties

Appearance (Neat)	Light Yellow
Appearance (2.5% in DI water)	Milky White
Specific Gravity @ 24°C	0.8-0.9
PH, (concentrate)	Not applicable
PH, (10% in DI water)	8.5-9.5
Solubility in water	100% miscible

Usage

1. Dilute by water 1:20.

Application

RLT- F50 is designed to be used for operations on non-ferrous and ferrous metal.

Storage

- Store inside warehouse
- Store out of direct sunlight
- Avoid water collecting on barrel top