



LUBRITA CUTTING OIL MFE

Mineral Water Based Soluble Cutting Oil

DESCRIPTION

LUBRITA CUTTING OIL MFE is water emulsifiable oils for metal working operations where maximum cooling is desired. These oils are developed with selected base oils, emulsifiers and biocides for ready mixing to form a stable emulsion which provide good rust protection and excellent cooling.

Typical Applications

LUBRITA CUTTING OIL MFE is recommended for grinding and other light to medium general machining operations in ferrous and non-ferrous metals. **LUBRITA CUTTING OIL MFE** is not recommended for Magnesium machining.

Performance Standards

Meet IS: 1115-1986 standards.

Customer Benefits

- Form stable emulsions with water upto even 400 ppm hardness.
- Permit rapid separation of chips and grinding dirt keeping circulating line clean.
- Provide good protection against rusting.
- Provide effective cooling.
- Formulated for components with high resistance to bacterial attack and protected from bacterial degradation.
- Free from Nitrites, Phenol, Rosin & chlorinated additives

Typical Data	Concentration in %
Grinding	3-5%
General Machining(Turning, Drilling etc)	5-7%
Difficult operation or machining	7-10%

KEY PROPERTIES

LUBRITA CUTTING OIL MFE	
Parameters	Typical Results
pH of 5% emulsion	8.5 - 9.5
Smell	Most agreeable
Emulsion Test	Passes
Rust Test	Passes
Frothing Test	Passes

Refractrometer correction factor is equal to 1