

JoshCool EM

20 Water Soluble Cutting Oil - Emulsion

Product Description

JoshCool EM is a premium Mineral Oil Emulsion Water Soluble Cutting Oil - Emulsion designed for Medium-duty turning, milling, drilling of carbon steels and cast iron. Meets ISO 6743-7 MAG specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance (Concentrate)	Amber oily liquid
Appearance (Emulsion 5%)	Milky white
Density at 15°C	0.93 g/cm³
pH Value (5% Emulsion)	8.9-9.3
Refractometer Factor	1.1
Recommended Dilution	5-8%
Emulsion Stability	Excellent at all dilutions
Corrosion Protection (IP 287)	Pass Grade 0
Hard Water Stability	Up to 400 ppm
Foam Test (ASTM D892)	15 ml max
Biostability	Good - 4-6 weeks sump life
Mineral Oil Content	65-75%

Applications

Medium-duty turning, milling, drilling of carbon steels and cast iron

Performance Standards

ISO 6743-7 MAG

Handling & Storage

- Store in a cool, dry place away from direct sunlight
- Keep container tightly closed when not in use
- Shelf life: 36 months from date of manufacture
- Do not mix with other lubricants