

# JoshCool EM

10 Water Soluble Cutting Oil - Emulsion

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## Product Description

JoshCool EM is a premium Mineral Oil Emulsion Water Soluble Cutting Oil - Emulsion designed for Light machining, grinding, drilling of ferrous metals, general workshop coolant. Meets ISO 6743-7 MAG specifications and delivers exceptional performance in demanding conditions.

## Technical Specifications

Appearance (Concentrate)	<b>Brown oily liquid</b>
Appearance (Emulsion 5%)	<b>Milky white</b>
Density at 15°C	<b>0.92 g/cm<sup>3</sup></b>
pH Value (5% Emulsion)	<b>8.8-9.2</b>
Refractometer Factor	<b>1.0</b>
Recommended Dilution	<b>5-10%</b>
Emulsion Stability	<b>Stable at all dilutions</b>
Corrosion Protection (IP 287)	<b>Pass Grade 0</b>
Hard Water Stability	<b>Up to 500 ppm</b>
Foam Test (ASTM D892)	<b>10 ml max</b>
Biostability	<b>Good - 4-6 weeks sump life</b>
Mineral Oil Content	<b>60-70%</b>

## Applications

Light machining, grinding, drilling of ferrous metals, general workshop coolant

## 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