

JoshCool Syn

600 Water Soluble Cutting Oil - Full Synthetic

Product Description

JoshCool Syn is a premium Full Synthetic (Oil-Free) Water Soluble Cutting Oil - Full Synthetic designed for High-speed grinding, surface grinding, cylindrical grinding, optical components. Meets ISO 6743-7 MHS specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance (Concentrate)	Clear blue liquid
Appearance (Diluted 3%)	Clear transparent
Density at 15°C	1.10 g/cm³
pH Value (3% Solution)	9.2-9.6
Refractometer Factor	2.2
Recommended Dilution	2-4%
Solution Stability	True solution - crystal clear
Corrosion Protection (IP 287)	Pass Grade 0
Hard Water Stability	Up to 1000 ppm
Foam Test (ASTM D892)	Nil
Biostability	Outstanding - 14-20 weeks sump life
Residue on Evaporation	Very minimal
Mineral Oil Content	0%
Wheel Loading	Minimal - excellent grinding

Applications

High-speed grinding, surface grinding, cylindrical grinding, optical components

Performance Standards

ISO 6743-7 MHS

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