

JoshQuench

HT 200 Hot Quenching / Martempering Oil

Product Description

JoshQuench is a premium Synthetic Polyalphaolefin Blend with High Temp Stabilizers Hot Quenching / Martempering Oil designed for High temperature martempering at 180-230°C for heavy sections, austempered ductile iron. Meets ISO 9950, AMS 2759/5 High Temp specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance	Dark amber viscous liquid
Density at 15°C	0.870-0.890 g/cm³
Kinematic Viscosity at 40°C	220-320 cSt
Kinematic Viscosity at 100°C	20-28 cSt
Flash Point (COC)	280°C min
Fire Point	300°C min
Operating Temperature	180-230°C
Thermal Stability	Exceptional
Oxidation Life (RPVOT)	1500+ minutes
Carryover Loss	Minimal
ADI Processing	Suitable for austempering
Deposit Formation	Very Low

Applications

High temperature martempering at 180-230°C for heavy sections, austempered ductile iron

Performance Standards

ISO 9950

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