

JoshQuench

32 Cold Quenching Oil

Product Description

JoshQuench is a premium Highly Refined Paraffinic Base Oil Cold Quenching Oil designed for General hardening of carbon steels, alloy steels, tool steels at 40-80°C bath temperature. Meets ISO 9950, ASTM D6200 Type I specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance	Clear bright liquid
Density at 15°C	0.860-0.880 g/cm³
Kinematic Viscosity at 40°C	28-35 cSt
Kinematic Viscosity at 100°C	5.2-6.0 cSt
Flash Point (COC)	180°C min
Fire Point	200°C min
Pour Point	-12°C max
Cooling Rate (GM Quenchometer)	Medium-Fast
Maximum Cooling Rate	85-100°C/sec
Temperature at Max Rate	450-550°C
Oxidation Stability	Excellent
Thermal Stability	Good
Sludge Formation Tendency	Very Low

Applications

General hardening of carbon steels, alloy steels, tool steels at 40-80°C bath temperature

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