

JoshQuench

22 Fast Cold Quenching Oil

Product Description

JoshQuench is a premium Low Viscosity Paraffinic with Speed Improvers Cold Quenching Oil designed for Fast quenching of intricate parts, thin sections, low hardenability steels requiring rapid cooling. Meets ISO 9950, ASTM D6200 Type II Fast specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance	Clear light amber liquid
Density at 15°C	0.850-0.870 g/cm³
Kinematic Viscosity at 40°C	20-24 cSt
Kinematic Viscosity at 100°C	4.2-5.0 cSt
Flash Point (COC)	170°C min
Fire Point	190°C min
Pour Point	-15°C max
Cooling Rate (GM Quenchometer)	Fast
Maximum Cooling Rate	110-130°C/sec
Temperature at Max Rate	500-600°C
Wetting Agent	Contains surface active additives
Distortion Control	Requires careful part design
Crack Sensitivity	Higher - for suitable steels only

Applications

Fast quenching of intricate parts, thin sections, low hardenability steels requiring rapid cooling

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