

JoshQuench

46 Slow Cold Quenching Oil

Product Description

JoshQuench is a premium Medium Viscosity Paraffinic with Vapor Phase Modifiers Cold Quenching Oil designed for Controlled slow quenching for distortion-sensitive parts, large sections, high alloy steels. Meets ISO 9950, ASTM D6200 Type I Slow specifications and delivers exceptional performance in demanding conditions.

Technical Specifications

Appearance	Clear amber liquid
Density at 15°C	0.870-0.890 g/cm ³
Kinematic Viscosity at 40°C	42-50 cSt
Kinematic Viscosity at 100°C	6.5-7.5 cSt
Flash Point (COC)	200°C min
Fire Point	220°C min
Pour Point	-9°C max
Cooling Rate (GM Quenchometer)	Slow
Maximum Cooling Rate	55-70°C/sec
Temperature at Max Rate	400-500°C
Vapor Blanket Stage	Extended for uniform cooling
Distortion Control	Excellent
Crack Prevention	Superior

Applications

Controlled slow quenching for distortion-sensitive parts, large sections, high alloy steels

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