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Quenching Oil 75 FQ

Interlube's Quenching Oil 75 FQ is a general purpose, premium quality, quenching fluid for use in steels lean in alloy content and small grain size, which require fast to moderate quenching speed. It is ideal for parts with odd shapes or variable sections. Quenching Oil 75 FQ provides oxidation stability and prevents oil degradation over a wide temperature range. Quenching Oil 75 FQ provides excellent control of sludge deposits for reduced downtime and maintenance. It is thermally stable over a wide temperature range to help minimize cracking and maximize hardness, strength, durability, and appearance of your finished product.

Typical Specifications

Viscosity, SUS @ 100°F	75
Pour Point, °F	-10
Flash Point, °F	375
API Gravity at 60°F	35.0
Conradson Carbon Residue, Mass% (ASTM D-189)	0.54
GM Magnetic Quenchometer, seconds (ASTM D-3520)	10.5
Quench Oil Stain Test	Pass

Cooling Characteristics

Maximum Cooling Rate	ASTM D-6200	106.4°C/second
Temperature at Maximum Cooling Rate	ASTM D-6200	620°C
Cooling Rate at 300°C	ASTM D-6200	6.90°C/second
Time to reach 600°C	ASTM D-6200	7.4 seconds
Time to reach 400°C	ASTM D-6200	10.9 seconds
Time to reach 200°C	ASTM D-6200	40.8 seconds

Cooling Curve, ASTM D-6200

