

Product Information: Quench Oil 145C

Description

Quench Oil 145C is a high quality, specially formulated, cold quenching oil which is manufactured from highly refined paraffinic base stocks, which incorporates a tailored additive system. The product exhibits excellent resistance to oxidation, reducing sludge and acidity formation and promotes uniform rates of cooling, offering consistent performance in service. The fluid inhibits deposit formation on parts promoting a bright quench, whilst resisting cracking and distortion.

Applications

Quench Oil 145C is intended for general cold quenching operations on a variety of steels, including 01 Tool steel. The product is suitable for use in both open baths and circulatory systems at temperatures up to 80°C.

Performance Features

- Reduced sludge and acidity formation
- Inhibits deposit formation
- Resists cracking and distortion
- Excellent resistance to oxidation
- Good wetting capabilities
- Uniformed rates of cooling
- Consistent performance in service

Typical Data

Characteristic	Unit	Result	Method
Density @ 15.6°C	kg/l	0.869	ASTM D4052
Kinematic Viscosity @ 40°C	cSt	32.0	ASTM D445
Kinematic Viscosity @ 100°C	cSt	5.4	ASTM D445
Viscosity Index		102	ASTM D2270
Flashpoint (Open)	°C	210	ASTM D92
Pour Point	°C	-12	ASTM D97

Figures based on average production values