



Gulf Quench C

Compounded medium speed quenching oil

Product Description

Gulf Quench C is compounded medium speed quenching oil specially developed for heat treatment of ferrous metals in a wide variety of quenching operations. It is formulated from highly refined paraffinic oils to provide superior thermal, oxidation and ageing stability facilitating long service life with minimal deposit formation. The compounding agent used in this oil provides improved cooling power and enhanced metal wetting characteristics to induce desired hardness and minimise stresses and metal distortion. Its low volatility characteristics reduce oil loss from vaporisation. It is recommended for medium speed quenching of ferrous metals such as carbon steel, gray iron and alloy steels.

Features & Benefits

- Good inherent thermal and oxidation stability minimises deposit formation and viscosity increase
- Superior ageing stability leads to extended service life and reduced downtime
- Improved cooling power and enhanced metal wetting characteristics induce desired hardness and minimise stresses and metal distortion
- Imparts good surface finish
- Low volatility reduces oil loss from vaporisation

Applications

- Medium speed quenching of ferrous metals such as carbon steel, gray iron and alloy steels

Specifications, Approvals & Typical Properties

Gulf Quench C		
Typical Properties		
Test Parameters	ASTM Method	Test Values
Viscosity @ 40 °C, cSt	D 445	21.6
Viscosity Index	D 2270	108
Flash Point, °C	D 92	186
Pour Point, °C	D 97	-18
Density @ 15°C, Kg/l	D 1298	0.862
Saponification Number	D 94	9.2
GM Quench Speed, seconds	D 3520	18.5

Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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