



Product Bulletin

GULF QUENCH OIL 14

Highly refined paraffinic base oil for uniform high speed quenching

DESCRIPTION: Gulf Quench Oil 14 is a highly stable quench oil designed especially for use in steel heat treating operations. It has been formulated to provide deep and uniform hardening with minimum distortion and cracking for a smooth surface finish while providing excellent performance over a wide range of metal heat treating applications.

QUALITIES: Gulf Quench Oil 14 provides:

- Good surface finish
- High flash point for fire safety
- Excellent oxidation resistance and thermal stability
- Controlled cooling rate to minimize cracking and distortion

APPLICATIONS: Gulf Quench Oil 14 is recommended where high speed is required with a high flash point and excellent thermal and oxidation stability is necessary.

Typical Properties

Grade	Test Method	Quench 14
Product Code		336264
Viscosity, SUS @ 100°F	ASTM D-2161	111.3
Viscosity, cSt @ 40°C	ASTM D-445	21.2
API Gravity @ 60°F	ASTM D-1298	33.0
Flash Point, COC, °F	ASTM D-92	360
Quenchometer, seconds - Nickel Ball*	ASTM D-3520*	14.0

*Test method is no longer recognized. Data for comparison value only.

AVAILABILITY:

Gulf Quench Oil 14 is available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Please visit [www. Nu-tierbrands.com](http://www.Nu-tierbrands.com)