



Product Bulletin

GULF QUENCH OILS

Gulf Quench Oils have been formulated to provide quality performance over a wide range of metal heat treating applications. These fluids are designed to minimize distortion in irregular shaped parts and in steels lean in alloy content where controlled cooling rates and specific quench speeds are required. These oils lead to long life, clean parts and can be easily cleaned using alkaline or solvent cleaners.

Gulf Quench 12 and 14 are recommended where high speeds are required with a high flash point and excellent thermal and oxidation stability are necessary.

Gulf Quench 16 is a conventional quench oil that has a good cooling rate. Its inherent detergent dispersant qualities greatly aid in the maintenance of coolers.

Typical Properties

Grade	Test Method	Quench 12	Quench 14	Quench 16
Product Code		336262	336264	336266
Viscosity, SUS @ 100°F	ASTM D-2161	116.5	111.3	106.0
Viscosity, cSt @ 40°C	ASTM D-445	22.4	21.2	20.2
API Gravity @ 60°F	ASTM D-1298	33.5	33.0	32.6
Flash Point, COC, °F	ASTM D-92	360	360	390
Quenchometer, seconds Nickel Ball*	ASTM D-3520*	12.1	14.0	16.2

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

AVAILABILITY:

Gulf Quench Oils are available throughout Gulf's marketing area. Your Gulf representative can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF(4853) or visit Nu-tierbrands.com.