

BEHRAN HEAT TREATMENT OILS



www.behranoil.com , E-mail: export@behranoil.com

Fax: +98 21 22264302

Heat treatment or quenching oils offer a range of quenching speeds and operating temperatures to suit specific heat treatment requirements. Most industrial quenching is carried out in petroleum oils that are formulated from highly refined base stocks with inherently high thermal stability. Additives include anti-oxidants for longer bath life at

elevated temperatures, rust inhibitors, wetting agents that alter surface tensions and aid cooling during the vapor phase and other accelerators to achieve specific quenching. Behran quenching oil provides a wide range of characteristics suitable for all types of quenching operations.

TYPICAL CHARACTERISTICS

Specification	Test Method	Behran Quenching oil 145	Behran Quenching oil 68	Behran Marquenching oil 68	Behran Marquenching oil 70
Kinematic Viscosity @ 40°C (cSt) @ 100°C (cSt)	ASTM D- 445	26	115	114	116
		4.8	11.9	11.7	12
Viscosity Index	ASTM D- 2270	118	90	92	92
Flash Point (COC) °C	ASTM D- 92	200	242	246	252
Pour Point °C	ASTM D- 97	-6	-6	-6	-6
Density @ 15 °C Kg/m ³	ASTM D- 4052	850	890	892	898
Application		Cold quenching	Cold quenching	Marquenching	Marquenching

Packaging

208 liter new steel drum

