

SUPER QUENCH DC7

Petromin Super Quench DC7 Oil is blended from high quality refined solvent-treated mineral base oils. Its low viscosity enables fast oil circulation during heat transfer and rapid quenching. It is suitable as high quality heat treatment oil for general-purpose use as well as quenching non-critical components.

Its base oil quality has inherently high thermal and oxidation resistance, enhanced with effective oxidation inhibitors and dispersants provide maximum oil life with minimum build up of sludge.

Thermal stability of the base oils combined with dispersant additives minimizes oil cracking and the formation of deposits on metal surfaces, limiting the need for post quenching, cleaning and stain removal operations. It is suitable for use as quenching oil at temperatures from ambient to about 85 °C.

BENEFITS

- Efficient hardening characteristics.
- High oxidation stability which give long bath life
- High flash point to maximize risk-free operation minimizes fire hazards and reduces smoke.
- Low volatility
- Strong cooling powers at high temperature combined with exceptional wetting power
- Excellent antifoam properties that are needed during operation, if high swirling of oil in hardening tanks.
- Excellent surface finish after hardening

APPLICATIONS

Petromin Super Quench DC7 Oil is high-quality general-purpose heat treatment and quenching oil.



PRODUCT DATA SHEET

PRODUCT CHARACTERISTICS*

PROPERTIES	UNITS	VALUE	TEST METHOD
ISO GRADE	-	22	-
Specific Gravity @ 15 °C	-	0.869	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	22.10	ASTM D-445
Viscosity @ 100 °C	mm ² /s	4.33	ASTM D-445
Viscosity Index	-	100	ASTM D-2270
Flash Point	°C	206	ASTM D-92
Pour Point	°C	-18	ASTM D-97
Color	-	L 0.5	ASTM D-1500
Product Code		2380	

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

