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TECHNICAL DATA SHEET

Fleetline Quenching Oil 32

PRODUCT DESCRIPTION

Quench oil is a standard speed quenching oil which is based on a highly refined mineral oil of low viscosity.

APPLICATION

Operating temperatures vary between 25°C and 85°C, although it is recommended that a consistent temperature be maintained to ensure uniform quenching characteristics in case where standard speed, general purpose quenching oil is required. When quenching alloys have good hardening ability, good results with minimum distortion is achieved.

BENEFITS

- The low viscosity mineral oil ensures good quenching characteristics for thorough hardness.
- Economical to use due to low drag-out.
- Quench consistency is maintained by ease of circulation and therefore risk of fire is also reduced.

MINIMIZE VOLATILITY

- High flash point reduces fire risk and ensures improved working conditions by reducing losses due to evaporation and fuming;
- Good oxidation stability reduces acid build-up which decreases the possibility of staining.
- Also increases the useful life of oil by reducing sludge build-up and thickening of oil.

PRECAUTION

- Avoid water entry.
- Allow for thermal expansion when filling quench tank with fresh cold oil.



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KEY PROPERTIES

Density 20 °C	kg/L	0.864
Viscosity 40 °C	cSt	32
Viscosity 100 °C	cSt	5
Viscosity Index		100
Fire point	°C	248
Pour point	°C	-9
Flash point C.O.C.	°C	220
Neutralisation NO	Mg/(KOH)/g	0.001

PACKAGE SIZE	20 Litres
Quenching oil 32	✓

