Quenchol

Heat Treatment Oil

Product Description:

Veedol Quenchol is a specialized heat treatment oil designed to control the cooling rate of metals during the quenching process. The additives provide excellent resistance to oxidation and break down of the oil and ensures longer operating life. It allows uniform hardening of parts with improved grain structure and with minimum distortion. It provides consistent and repeatable mechanical and metallurgical properties to the parts.

Performance specification:

Veedol Quenchol meets and exceeds below performance

IS 2664:1980 (Reaffirmed 2014)

Features/Benefits:

- Controlled cooling rate provides a consistent and uniform cooling rate to achieve desired mechanical properties.
- Superior oxidation stability resists oil breakdown at higher temperatures and provides longer oil life.
- High flash point and low volatility limit the fire risk and offers safe working environment, reduces fume generation and low oil consumption.

Application:

- Recommended for all normal quenching operations on a wide variety of steel.

Typical Properties:

Parameters	Test Method	Value
Kinematic Viscosity @ 40°C, cSt	ASTM D445	29.8
Kinematic Viscosity @ 100°C, cSt	ASTM D445	5.13
Viscosity Index	ASTM D2270	99
Flash Point (COC), °C	ASTM D92	200
Pour Point, °C	ASTM D97	-3
Copper Corrosion at 100 °C, 3hour	ASTM D130	1a

The above typical properties are those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.

STORAGE
All packages should be stored under cover. It should not be exposed to direct sunlight, intense cold and extreme temperature fluctuations. Where outside storage is unavoidable, drums should be laid horizontally or properly covered to avoid the possible ingress of water and damage to drum markings.

HEALTH, SAFETY AND ENVIRONMENT
The informtion on this product is available in the Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information, we recommend you review the MSDS. If handled correctly, there are no special precautions suggested.

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