PRODUCT DATA SHEET

Description: Lubrita Quenching Oil M 32

Lubrita Quenching Oil M 32 is formulated from good quality paraffinic base oil for medium and medium fast quenching process. They are highly fortified with select additives to achieve the optimum performance of quenching operations. **Lubrita Quenching Oil M 32** is mainly designed for wide variety of steel parts such as nuts and bolts, ball bearing, certain types of brake drums etc.

Performance Standards:

Lubrita Quenching Oil M 32 meets:
IS: 2664-1980 (Reaffirmed 1993) for additive type quenching oil.

Features:

1. Based on selected virgin base oil of excellent characteristics.
2. Faster speed ensures proper and uniform hardness
3. Provide accelerated rate of quenching
4. Ensure cleanliness of quenching oil systems
5. Have low drag-out on components thus reduce oil consumption
6. Have exceptionally long, oil service life due to excellent oxidation stability, good thermal Stability as well as low volatility
7. Retain quenching power over extended periods due to minimum oil thickening and sludge Forming tendency
8. Lesser smoking and with reasonably high flash point reduces the risk of fire hazard.

Precautions:

• Avoid water/moisture contamination.
• Use of compressed air for agitation should be strictly avoided as it increases the oxidation rate of the oil.
• Heat exchanger should be in operation.
• Avoid Cu and Copper alloys in heat exchanger. Cu acts as a catalyst for oxidation of the oil.
• Maintain proper atmosphere in the furnace.
• Maintain proper level of the oil.

Typical Results:

Characteristics	Test Results
ISO GRADE	32
Color	Bright & Clear
Specific Gravity	0.854
Viscosity at 40°C,cst	32
Flash Point	> 205°C
Moisture content	< 0.1 %
Viscosity Index, Min	98
TAN, mg KOH/gm, Max	0.05
Quenching properties(D3520)at 21°C	17

Handling, Health & Safety:

Lubricant consisting of highly refined mineral oils with specific additives. In normal conditions of use this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding any contact with the skin.

Prevent any splashing and keep away from combustible materials. Store under cover and away from any risk of pollution. Disposes off the used oil correctly, don't pour down drains, into watercourses or the soil.