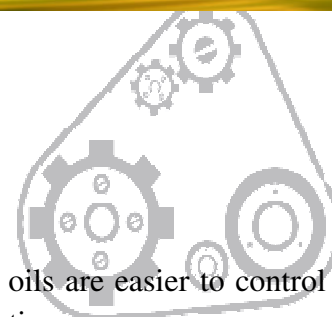




**QUENCHING OIL**  
**MOTOROL QUENCHER L/M/H**



**Introduction:**

MOTOROL Quencher grade oils are blend of highly refined petroleum base stocks. These oils are easier to control and are widely used in general purpose quenching operations because of the following characteristics.

**Applications:**

MOTOROL Quencher grade oils are suitable for maintaining quenching operations. These oils are suitable for maintaining quenching bath at 150 °C to 220 °C. These oils are also recommended for the mass production of high precision, high quality products such as bearings, automotive gears, transmission components etc. These oils give low and predictable quench distortion cutting down rejections.

**Advantages:**

- ◆ Good thermal properties
- ◆ Good chemical and oxidation stability
- ◆ High boiling and low volatility ensuring reduction in losses
- ◆ High flash and fire point for safe use at high temperatures
- ◆ Non corrosive, non toxic and non staining
- ◆ Good wetting characteristics
- ◆ Low viscosity for efficient heat dissipation

**Performance Standard:**

Meets IS 2664-1980

**Typical Specifications:**

Sr. No.	Characteristics	Test Methods	Light (22)	Medium (32)	Heavy (46)
1	Appearance	VISUAL	Bright & Clear	Bright & Clear	Bright & Clear
2	Colour (ASTM), Max	ASTM D-1500	3	3	3
3	Kinematic Viscosity at 40 °C, cSt	ASTM D-445	20-24	28-35	41-50
4	Flash point °C, Min	ASTM D-92	180	200	210
5	Pour point °C, Max	ASTM D-97	- 9	-9	-9
6	Copper corrosion at 100°C for 3 Hrs.	ASTM D-130	Passes	Passes	Passes

**Environment, Health & Safety:**

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all MOTOROL products on request. MOTOROL products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not Spill oils on the shop floor, discharge into drains ,ground or water sources.