



LUBRICANTS™

POWER TO PERFORM™

HP METAQUENCH 85 MARQUENCHING OILS

DESCRIPTION

Marquenching oil suitable for usage for bath temperatures 150 to 220 °C. Recommended for all marquenching operations which do not require a high quench speed oil.

This is a marquenching oil suitable for maintaining the quenching bath at temperatures between 150-220°C. Recommended for the mass production of high precision , high quality products such as bearing races, automotive gears and transmissions components. It gives low and predictable quench distortions cutting down rejects. Recommended for all marquenching operations which do not require a high quench speed oil.

Meeting specifications: IS : 4543-1977

MEETING SPECIFICATIONS

IS:4543-1977.

APPLICATION AREAS

Suitable for mass production of high precision, high quality products such as bearing races gears and other components.

PERFORMANCE BENEFITS

- Good thermal conductivity
- Good oxidation stability
- Low volatility
- Low predictable quench distortion
- High core hardness to quenched parts

PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	TYPICAL VALUES
Appearance	Bright & Clear
Kinematic Viscosity @ 1000 °C, cSt	13-18
Viscosity Index	88
Flash Point, °C	230
Saponification value mg koh/gm	0.5