



**LUBRICANTS™**

**POWER TO PERFORM™**

## HP METAQUENCH 42

### DESCRIPTION

General purpose compounded quenching oil suitable for quenching of components for conditions when higher quenching speeds are required.

This is a blend of highly refined petroleum base stocks with high quality fatty oils. The heat transfer characteristics of the petroleum base stocks are enhanced by the presence of the high quality fatty oil with its inherent wetting ability. Its quenching speed is higher as compared to Metaquench 39, and Metaquench 40. Metaquench 42 is recommended for general purpose quenching operations. It is, however, not recommended for quenching of cyanided parts. Metaquench 42 meets the requirement of IS 2664 -1980 ( Re-affirmed in 1993 ) Compounded Type Quenching Oil.

### MEETING SPECIFICATIONS

IS:2664-1980 (Re-affirmed in 1987) straight mineral type grade compounded.

### APPLICATION AREAS

General purpose quenching oil of all components. However, this oil is not suitable for quenching cyanided parts.

### PERFORMANCE BENEFITS

- Good thermal conductivity
- Good oxidation stability
- Low volatility
- Excellent wetting characteristics

### PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	TYPICAL VALUES
Appearance	Clear
Kinematic viscosity @ 40 °c, cst	20-33
Viscosity index	88
Flash point, coc °c, min	190
Saponification value mg koh/gm	5-15