



# LUBRICANTS™

**POWER TO PERFORM™**

## HP METAQUENCH 39,40

### DESCRIPTION

These are blends of refined base oils and contain no additives. METAQUENCH 39 is recommended for general purpose quenching of components and is particularly suitable for quenching of cyanided parts. METAQUENCH 40 is suitable in situations when lower quenching speed is desired.

Metaquench 39 is a general purpose oil for quenching of all components including cyanided parts. These are blends of highly refined base oils selected for their superior physical & chemical properties but contain no additives. These oils have in built resistance to oxidative, thermal and physical degradation. It can be used for normal quenching operations on a wide variety of steel parts such as nuts and bolts, ball bearings etc.

Metaquench 40 is recommended for quenching operation involving large components and higher temperatures. Being a higher viscosity oil with correspondingly higher thermal stability, it gives satisfactory performance with low oil consumption. These grades meet IS 2664:1980 Straight Mineral type Grade Medium and Heavy respectively.

### MEETING SPECIFICATIONS

IS:2664-1980(re-affirmed in 1987) straight mineral type grade medium and heavy respectively.

### APPLICATION AREAS

METAQUENCH 39 is a general purpose quenching oil of all components including cyanided parts  
METAQUENCH 40 is a general purpose quenching oil of all components.

### PERFORMANCE BENEFITS

- Good thermal conductivity
- Good oxidation stability low volatility

### PHYSICO-CHEMICAL PROPERTIES

PROPERTIES	TYPICAL VALUES	
	METAQUENCH 39	METAQUENCH 40
Appearance	Clear	Clear
Flash Point, Coc °C, Min	190	220
Kinematic Viscosity @ 40 °C, Cst	23-33	58-73
Saponification Value mg KOH/gm	0.5	0.5