

## DESCRIPTION:

**SOBIL QUEN Q001** fully formulated High Performance Accelerated Cold Quenching Oil. The performance of SOBIL Q001 has been developed using the major internationally recognized tests to assess the performance of quenching oils. This ensures that SOBIL QUEN Q001 is a high performance Quenching Oil that needs minimal technical service to support trouble-free performance. The use of additive has the added advantage of producing quenching oils with minimal steel component cracking and distortion behavior. This can be translated into substantial savings to the customer.

## ADVANTAGES:

### SOBIL QUEN Q001

#### 1. ACCELERATED QUENCHING IN INITIAL STAGE.

- In steels with small grain size & wide variation in grain size.
- In steels with low alloy.
- In steels of high hardenability.
- In components of hard shape & variable section.

#### 2. SLOW COOLING IN THE FINAL STAGE

- In high hardenability steels.
- In components of hard shape & variable section.

#### 3. CONSTANT COOLING RATE

- Ensures constant steel component properties.

#### 4. MINIMUM ACID AND SLUDGE FORMATION AND VISCOSITY INCREASE

- Retain bright finish.
- Long oil bath life.
- Reduced oil consumption.

#### 5. LOW VISCOSITY VISA VIS CONVENTIONAL QUENCHING OIL

- Reduced oil carryovers.

#### 6. MARKED THERMAL AND OXIDATION STABILITY

- High level of cleanliness

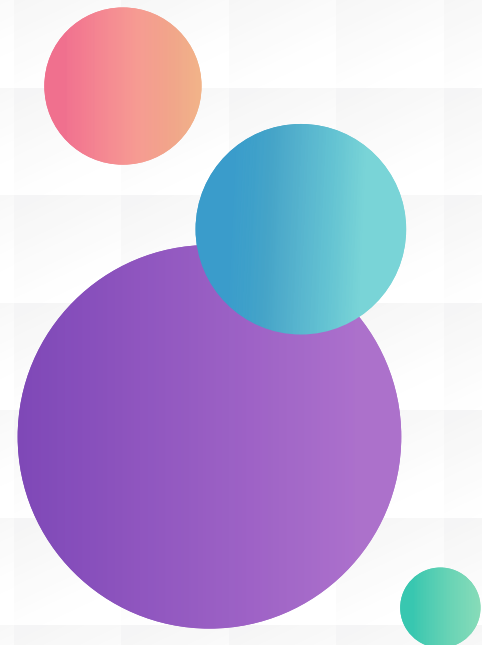
## Guru Ram Lubricants

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PROPERTIES	ASTM TEST METHOD	SPECIFICATIONS	TYPICAL VALUES
Appearance	Visual	Black Fluid	Black Thin Fluid
Colour ASTM	D 1500	8.0 D	8.0 D
Density @ 29.5 °C, gm/cm <sup>3</sup>	D 1298	Report	0.8270
Kinematic Viscosity @ 40°C, cSt	D 445	17.00 to 19.00	17.77
Viscosity Index	D 2270	95 MIN	116
Total Base Number, mg KOH / gm	D 664	0.2 MAX	0.07
Flash Point, COC, °C	D 92	180 MIN	190
Moisture/Water Content, ppm	D 1744KF	100 MAX	40
Cooling Curve Analysis	D6200	As per standard	Matches

The above details are typical results of normal production and variations in these characteristics may occur. The information contained herein is subject to change without notification. All recommendations and suggestions are without guarantee and the manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty.

### STORAGE

Store the products indoors and avoid direct sunlight or heat. Please keep the container in closed condition always.

### ENVORNMENT, HEALTH AND SAFTEY

- ◆ Do not dispose the used oil to soil, drains and water. Dispose the used oil through authorized collection point
- ◆ This product is unlikely to present any safety & health hazard when properly used in the recommended application.
- ◆ Avoid contact with skin and eyes. After skin contact, wash with water and soap.

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