

HIQUENCH 33

Product Description

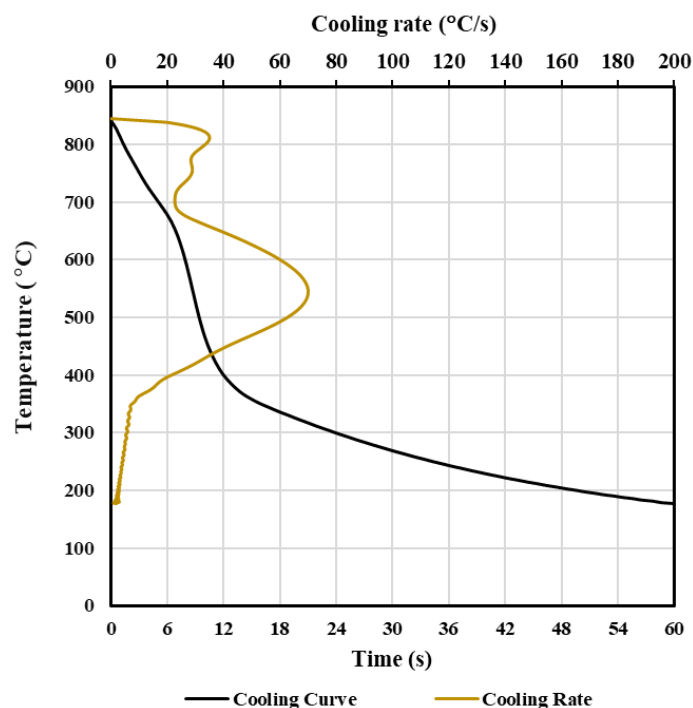
HIQUENCH 33 is a quenching oil produced from paraffinic base oil. It provides suitable cooling rate of metal which results in tough and hard metal. In addition, it has high flash point which helps preventing any flammable condition.

Benefits

- Offers medium cooling rate and good heat transfer property
- Provides high heat resistance, low evaporation and high flash point
- Good anti oxidation
- No reaction with metal

Applications

- Suitable for quenching metal application requiring flexible property such as spring and leaf spring



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Typical Characteristics

Tests	Methods	Units	Results
Viscosity at 40 °C	ASTM D445	mm ² /s	31.6
Viscosity at 100 °C	ASTM D445	mm ² /s	5.3
Viscosity Index	ASTM D2270		98
Density at 15 °C	ASTM D4052	kg/L	0.8643
Flash Point	ASTM D92	°C	220
Pour Point		°C	-9
Maximum Cooling Rate	ASTM D6200	°C/s	70.2
Temperature at Max Cooling Rate	ASTM D6200	°C	546.4

Maintenance

Oil sampling as on schedule to inspect important properties could increase accuracy of serviced monitoring and oil-change planning in advance suitably.

Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttor.com>



Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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