

HIQUENCH ULTRA 110

Product Description

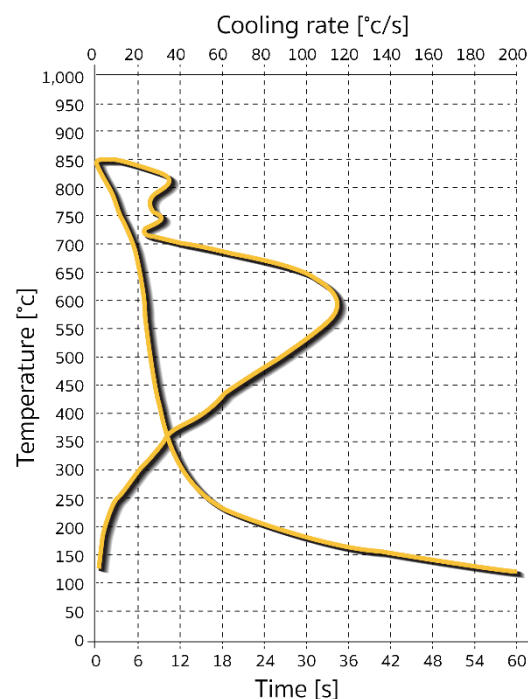
HIQUENCH ULTRA 110 is a quenching oil produced from premium quality paraffinic base oil including with special additives. It provides maximum cooling rate up to 110°C/s which offers very high strength metal. In addition, it has long service life and high flash point which helps preventing any flammable condition.

Benefits

- Offers very high cooling rate and good heat transfer property
- Provides high heat resistance, low evaporation and high flash point
- Excellent anti oxidation and prevent sludge in sump tank
- No reaction with metal

Applications

- Suitable for quenching metal application requiring high strength property such as hoe, mattock and boules



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Typical Characteristics

Tests	Methods	Units	Results
Viscosity at 40 °C	ASTM D445	mm ² /s	24.18
Viscosity at 100 °C	ASTM D445	mm ² /s	4.951
Viscosity Index	ASTM D2270		133
Density at 15 °C	ASTM D4052	kg/L	0.8424
Flash Point	ASTM D92	°C	231
Fire Point		°C	252
Maximum Cooling Rate	ASTM D6200	°C/s	112
Temperature at Max Cooling Rate	ASTM D6200	°C	613

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>



The product can cause some skin irritation and has flash point higher than 93.4°C

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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