

HOUGHTO-QUENCH C 100

(Formerly HOUGHTO-QUENCH 100)

HIGH PERFORMANCE COLD QUENCHING OIL – (ISO 6743 – 14) UHA

DESCRIPTION

HOUGHTO-QUENCH C 100 is a high performance normal speed quenching oil suitable for use at temperatures of up to 100°C.

HOUGHTO-QUENCH C 100 does not contain additives which react with cyanide, and is, therefore, suitable for use in conjunction with cyanide containing salt baths

HOUGHTO-QUENCH C 100 has Rolls Royce approval CSS 153 Type A.

APPLICATIONS

HOUGHTO-QUENCH C 100 is designed for both general purpose and salt bath quenching applications and is suitable for use in open quench tanks, sealed quench furnaces and continuous furnaces of the shaker hearth, cast link and mesh belt type.

HOUGHTO-QUENCH C 100 is suitable for a wide variety of quenching applications including cyanide salt bath treatment

TYPICAL PHYSICAL PROPERTIES

<i>Appearance</i>	<i>Clear amber</i>	<i>visual</i>
<i>Specific Gravity @ 15.5°C</i>	<i>0.865</i>	
<i>Kinematic Viscosity @ 40°C in mm²/s</i>	<i>23</i>	<i>ASTM D445</i>
<i>Kinematic Viscosity @ 100°C in mm²/s</i>	<i>4.5</i>	<i>ASTM D445</i>
<i>Flash Point COC in °C</i>	<i>212</i>	<i>ASTM D92</i>
<i>Maximum Cooling rate in °C/s @ 40°C</i>	<i>55</i>	<i>ISO 9950</i>

BENEFITS

- Economic – Lifetime improved provided by excellent oxidation resistance and thermal stability
- Economic - Consistent performance under the most arduous of operating conditions
- Economic - Uniform quenching characteristics maintained over a range of operating temperatures
- Operator friendly - Base oil highly refined

RECOMMENDATION FOR USE

Use as supplied - neat quenching oil application

RELATED PRODUCTS

Product is compatible with the full range of Houghton's portfolio, especially with the Houghto-Clean and Ensis corrosion protection range. For more information, please contact your local Houghton representative.

STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

HEALTH AND SAFETY

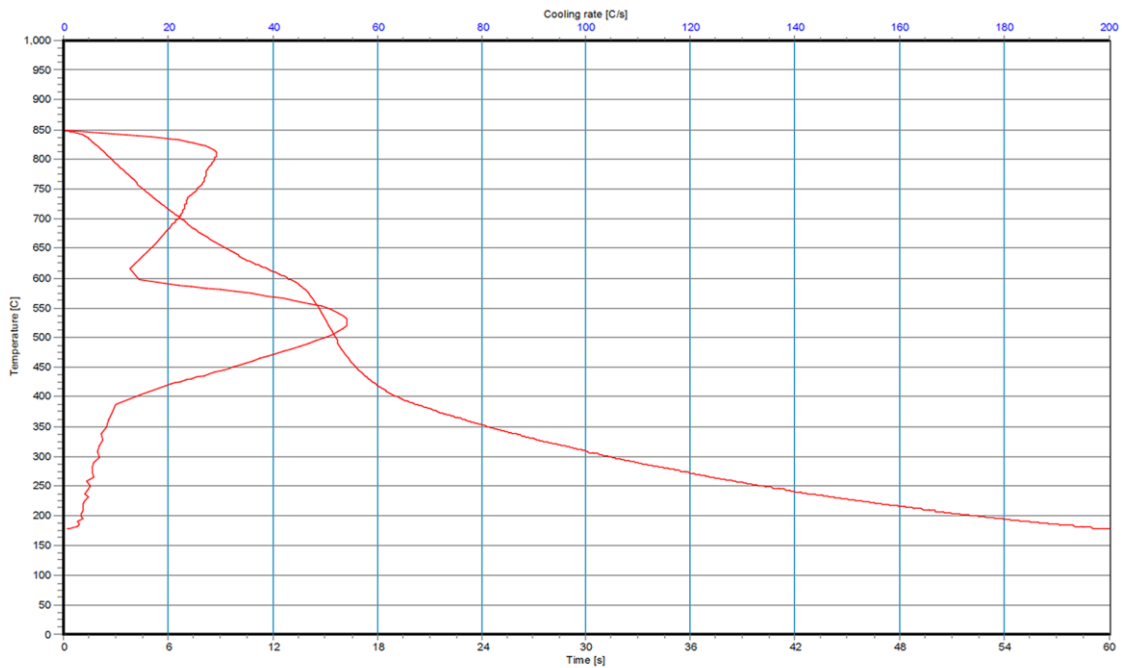
Safety data sheets are available in accordance with Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

HOUGHTO-QUENCH C 100

(Formerly HOUGHTO-QUENCH 100)

HIGH PERFORMANCE COLD QUENCHING OIL – (ISO 6743 – 14) UHA

COOLING CURVE @ 40°C



PRODUCT DATA

