

Tectyl Heat HT No.6

MARTEMPERING OIL FOR RELATIVELY LOW MARTEMPERING TEMPERATURES AND A MEDIUM QUENCHING EFFECT



| INTRODUCTION |

Tectyl Heat HT No.6 is a mar tempering oil with low viscosity and a medium quenching speed throughout its use range. It is a selected solvent-refined paraffinic mineral oil and is used for tempering and mar tempering at temperatures up to 400°F (204°C).

Tectyl Heat HT No.6 is the fastest of Korea Houghton's Mar-Temp oils and has an extended life due to the additions of antioxidants.

| TYPICAL PHYSICAL PROPERTIES |

Specific Gravity		(15/4°C)	0.86xx
Flash Point		(°C)	232
Kinematic Viscosity		(100°C, mm ² /sec)	8±1
Silver Bar Cooling Test	Characteristic Temperature	(°C)	610
	Cooling Time	(sec, 800°C→ 400°C)	3.5
Proper in-used oil temp.		(°C)	80 ~ 150
Optimum in-used oil temp.		(°C)	90 ~ 100

- The above mentioned properties are average values from analysis on the standard sample. Little differences in manufacturing process may be observed but it doesn't mean problematic performance.

| BENEFITS |

- Excellent gloss
- cost saving from decreased oil consumption
- easy cleansing
- long life (high-grade thermal and oxidation stability)

| APPLICATION |

Tectyl Heat HT No.6 is used for mar tempering of distortion-prone parts of case hardened or through hardened steels and for the tempering of ferrous and nonferrous metals, or certain non-metallics.

Tectyl Heat HT No.6 can be used in open, closed or integral quench tanks.

| SAFETY CONTROL |

- TLV (Threshold Limit Value) : 5mg/m³ (as oil mist)
- Ingestion: If workers swallow it, induce vomiting and get the medical attention.
- Eye contact: wash with plenty of water and get the medical attention.
- skin contact: wash enough with soap and water storage

| STORAGE |

- Pay attention to the product life time (storage time)
- Avoid water or other foreign substances adulteration
- Keep products within a recommended pour point. If shelf temp is below the pour point, agitate drum enough in room temp prior to use.

| PACKING & SAFETY |

- Tectyl Heat HT No.6 is packed in 200 liter drum.
- For your Safety, Prefer to the Material Safety Data Sheet.