Heat Treatment Oil

Tectyl Heat CT No.7

Cold Type High Speed Quenching Oil

| Description |

Tectyl Heat CT No.7 is designed to provide proper hardness excluding cracks and deformation optimum hardness uniformity, glossy and clean surface and prolonged life.

Based on highly refinde mineral oil, Tectyl Heat CT No.7 is formulated with thermally stable additives. Tectyl Heat CT No.7 is suitable to room temperature operation (KS M2170:1-2) and covers several type of processing quench-tempering, carburizing etc.

| Typical Physical Properties |

Specific Gravity		(15/4℃)	0.84xx
Flash Point		(℃)	202
Kinematic Viscosity		(40℃, mm2/sec)	19±2
Silver Bar Cooling Test	Characteristic Temperature	(℃)	617
	Cooling Time	(sec, 800℃→ 400℃)	2.8
Proper in-used oil temp.		(℃)	50 ~ 80
Optimum in-used oil temp.		(℃)	60 ~ 70

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

| Benefits |

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

| Application |

Tectyl Heat CT No.7 is applied to wide ranges including general quench-tempering, carburizing, etc. against various automobile parts, bolt, nuts, gear, spring steel, hot-roll, bearing steel, transmission, tools, etc..

| 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 soup 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 CT No.7 is packed in 200 liter drum.
- For your Safety, Prefer to the Material Safety Data Sheet.