



Daphne Multi Way MT Series

Description

Daphne Multiway MT series is a series of high performance, premium grade slideway oil. They have been specially formulated with highly-refined paraffin base oil combining with various additives such as oiliness agent, anti-oxidant and stain inhibitor to provide excellent and effective slideway performance.

Application

Daphne Super Multiway MT series are a range of slideway oil which can be used for all machine tools (eg: CNC machining centers). They are especially recommended for use in cutting machines which use water soluble cutting oil.

Characteristics

1. **Excellent slideway performance** - prevents stick-slip by providing smooth sliding regardless of the size of the load or the sliding velocity.
2. **Excellent slideway oil for water soluble cutting fluid** -
 - i) Excellent hydrolytic stability and resistance to being washed off by water soluble cutting fluid.
 - ii) Even when it is mixed into water soluble cutting fluid, it does not increase the rate of decomposition or bad odour of the water soluble cutting fluid.
3. **Excellent in preventing emulsion destruction (separation) of water-soluble cutting fluid.**
4. **Excellent oxidation stability, maintaining it's characteristics and properties over long term usage.**
5. **Excellent water-separation properties preventing emulsification with water-soluble cutting fluid in the coolant tank.**

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Lubricant Product Information



Packing

20L pail, 200L drum

Typical Specifications

Daphne Multi Way MT Series

	TYPE OF METHOD	<u>32MT</u>	<u>46MT</u>	<u>68MT</u>
Colour	ASTM D-1500	L1.0	L2.0	L1.5
Density 15 °C g/cm ³	ASTM D-4052	0.8741	0.8788	0.8846
Flash Point (COC) °C	ASTM D-92	230	230	244
Viscosity, cSt @ 40 °C	ASTM D-445	31.12	45.19	67.74
@ 100 °C		5.423	6.894	8.897
Viscosity Index	ASTM D-2270	109	108	105
Pour Point °C	ASTM D-6749	-32.5	-27.5	-30.0
TAN (mgKOH/g)	ASTM D-974	0.22	0.21	0.23
Copper Corrosion (100 °C x 3h)	ASTM D-130	1(1B)	1(1B)	1(1B)

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