



Idemitsu Apollo (Thailand) Co., Ltd.

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DAPHNE MULTIWAY MT

COOLANT-PROOF SLIDE WAY OIL

1. Application

Slide way oil, especially suitable for cutting machine with water soluble coolant.

2. Quality

A high quality mineral oil refined from paraffinic base by the most advanced hydro treating process and add various additives such as oiliness agent, adherent agent, antioxidant, anti-stain agent.

3. Characteristic

1. Excellent slide way performance.
Enables smooth start up and prevent stick-slip motion.
 2. Less influence by water soluble cutting oil.
 - Select oiliness agent hard to generate hydrolysis and to be washed off.
- Not contain the component that could be a nourishment for bacteria so that less possible to deteriorate that water soluble cutting oil when contaminated.
 - Eliminate the metallic component which would cause emulsion break.
 - Contain demulsifier that improves separation from water soluble cutting oil.

4. Viscosity grade

Grade	ISO viscosity	ISO-JIS-MAS-STANDARD
32MT	32	G-32
68MT	68	G-68

5. DN MULTIWAY MT Specification

			32MT	68MT	ASTM Method
Density	@15 °C	g/cm ³	0.8772	0.8846	D-1298
Color (ASTM)			L1.0	L1.5	D-1500
Flash Point	C.O.C.	°C	230	248	D-92
Viscosity	@ 40 °C	mm ² /s	32.97	69.09	D-445
	@ 100 °C	mm ² /s	5.423	8.897	D-445
Viscosity Index			109	105	D-2270
Pour point		°C	-32.5	-30.0	D-97
Total Acid Number		mgKOH/g	0.22	0.18	D-664
Copper Corrosion	100 °C x 3 Hrs.		1b	1b	D-130

- Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provide in the Safety Data Sheet (SDS) are followed.
- SDS is available upon request through your sales contract office, or E-Mail : order@apollothai.com
- Due to continual product research and development, the information contained herein is subject to change without notification.