

HI-WAY

High Performance Machine Tool Slideway Oil

Product Description

HI-WAY is specially formulated slideway lubricant with optimized additive technology and highly refined base oil and it's suitable for use in most machine tool slideways. This prevents stick-slip and metal-to-metal contact efficiently to provide stable operation and protection of your equipment.

Applications

- Suitable for use in machine tool of slides, tables and feed mechanisms

Features and potential benefits

- Good separation between coolant and slideway, maintain initial lubrication performance after separation.
- Good frictional property thanks to high performance friction modifier and anti-wear additive prevents stick-slip and provides increased speed of operation and decreased shutdowns
- Sufficient adhesive lubrication films prevents wear and damage on the surface of your machines
- Good thermal and oxidation stability provides long oil life and stable operation

Performance level

- ISO VG 46 / 68

Typical Properties

Test Items	Method	Unit	Hi-way 46	Hi-way 68	
Specific gravity	ASTM D1298	-	0.866	0.872	
Color	ASTM D1500		L 0.5	L 1.0	
Viscosity	ASTM D445	40°C	cSt	45.45	70.09
		100°C	cSt	7.03	9.249
Viscosity index	ASTM D2270	-	113	108	
TAN	ASTM 974	mgKOH/g	0.86	0.89	
Flash point	ASTM D92	°C	222	226	
Pour point	ASTM D97	°C	L -40	-35	

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HI-WAY
2015.8.25.

