

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. It's suitable for use in all types of machine tool slides. This prevents stick-slip and makes metal-to-metal contact efficiently to provide stable operation and protection of your equipment.

Applications

- Suitable for the sliding surfaces of all types of machine tools

Features and Potential Benefits

- Good separation between coolant and slideway maintains initial lubrication performance after separation
- Excellent 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
- Exceptional thermal and oxidation stability provides long oil life and stable operation

Performance Level

- GM LS-2
- CM P-47

Typical Properties

Test Items		Method	Unit	32	46	68	220
SG		ASTM D1298	-	0.863	0.866	0.872	0.886
Color		ASTM D1500	-	L0.5	L0.5	L1.0	L2.5
Viscosity	40°C	ASTM D445	cSt	32	46	68	220
	100°C	ASTM D445	cSt	5.40	7.03	9.25	19.38
VI		ASTM D2270	-	108	113	108	100
TAN		ASTM D974	mgKOH/g	1.20	0.86	0.89	0.95
Flash Point		ASTM D92	°C	220	222	226	256
Pour Point		ASTM D97	°C	L-40	L-40	-35	-18

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This lubricant used recommended and for the application for which it has been designed does not present any particular risk.
A material safety data sheet is obtainable via your commercial adviser.