

THEMIS

SLIDE WAY OIL

Description

Themis lubricants are specially compounded oils developed for the lubrication for slides and ways. They are specially developed to eliminate the phenomenon of stick-slip in machine tool operation. The combination of compounding, special base oils and additives gives to slideway oils outstanding stability, extreme oiliness, adhesiveness and exceptional load carrying ability.

Themis can be used for way guides and slide ways. Slideway oil ISO 68 is more for horizontal applications, ISO 150 and 220 for vertical applications. ISO 32 is also suitable for horizontal ways and for machines with centralized ways and hydraulic systems.

Benefits

- Excellent metal wetting properties
- Non corrosive to both metal and non metal materials
- Exceptional load carrying capabilities
- Eliminates stick slip
- Provides excellent demulsibility characteristics in the present of water based cutting fluids
- No adverse reaction to resin coated surfaces
- Very good corrosion protection



Performance levels

- ISO 6743-13: L-GA/GB
- DIN 51502: CGLP
- GM: LS-2
- Cincinnatti Machine : P-47 (ISO VG 68)
- Cincinnatti Machine : P-50 (ISO VG 220)

Typical Properties

SAE		32	68	150	220
Code		LUB006909	LUB006910	LUB006911	LUB006912
Density 15 °C	kg/m3	874	875	890	895
Viscosity 40 °C	cSt	32	68	150	220
Viscosity 100 °C	cSt	7.5	8.6	14.6	18.8
Viscosity Index		95	95	95	95
Pour Point	°C	-21	-24	-12	-18
Flash Point C.O.C	°C	>180	230	230	250
Operating temperature	°C	-20/150	-20/150	-10/150	-15/150