

High Performance Slideway Lubricant

Description

DAYAN MACHINE TOOL SERIES are specially designed for the lubrication of machine tool slides and tables. They are based on highly refined mineral oils and contain additives to enhance their tackiness, anti-wear and stick-slip characteristics.

Features and benefits

- Excellent frictional properties developed to eliminate stick-slip in slow-moving slides, improving positioning accuracy and surface finish.
- Good slideway adhesion resists wash-off by cutting fluids and prevents oil thickening during service.
- Ready separation from water-extendible cutting fluids
- Excellent anti-wear performance
- Excellent corrosion prevention characteristics

Applications

- Machine tool slideways, tables and feed mechanisms
- Machine tool hydraulic systems
- Machine tool gearboxes and spindles

Specifications & Performance Level

- Cincinnati Milacron P 47 / P 50 / P 53

Product and environmental safety

This product should not cause any health problems when used in the applications suggested. As with all products, please take care to avoid environmental contamination when disposing of this product. Used oil should be sent for reclamation/recycling or, if not possible, must be disposed of according to relevant government/authority regulations.

The DAYAN trademark is registered and protected in Iran.

Technical Data

Test	Units	Method	Machine Tool							
ISO Viscosity Grade	-	-	5	10	22	32	46	68	100	220
Relative Density at 15°C	g/ml	ASTM D4052	0.85	0.86	0.84	0.86	0.86	0.88	0.88	0.89
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	5	10	22	32	46	68	100	220
Viscosity Index	-	ASTM D445	-	66 to 72	>120	109	99	99	98	98
Flash Point, COC	°C	ASTM D2270	125	155	205	210	220	220	240	250
Pour Point	°C	ASTM D92	-36	-36	-21	-21	-21	-21	-21	-21
Copper Corrosion	-	ASTM D5985	1A	1A	1A	1A	1A	1A	1A	1A

Note:

1- The Typical characteristics are given as a guide only and may vary according to latest production according to ISO.