

Hi-Tech

SLIDEWAY OIL W 32/68/220

Superior Anti Stick- Slip, Anti Wear Slideway Oil

Introduction

Generation Four Engitech Ltd., Hi-Tech Solution is 12 years old company standing at second largest company as Importing / Manufacturing and selling of specialized thermic fluid in India. We have our network all over INDIA and also having sales & service points at many countries registered under SAFTA . We serve friendly services to our more than 6000 customers with our world class products. We have a huge list of branded customers with few from India's fortune 500 companies.

Description

Hitech Slideway oil is a machine tool lubricant specially designed for tableway lubrication, with emphasis on superior anti stick-slip properties , suitable also for hydraulic systems, gear boxes and spindles in most machine tools. Hitech slideway oil form adhering lubricating film on the bed track / slideway, even with slow feeds and high surface pressures. This lubricating film ensures jerk-free movement, prevents stick-slip and protects against wear. It gives superior protection then using hydraulic oil as slideway oil because of its better film forming and friction modifying additives.

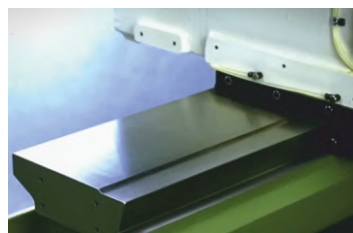


Advantages

- Allows a smooth and uniform motion of machine tools.
- No slideway gumming with adhesion property.
- Low static and dynamic friction coefficients
- Helps to improve surface finishing of machined pieces.
- Provides excellent separability.
- Non-corrosive behavior against metals (iron, copper and its alloys).
- Compatible with neat and soluble cutting oil, hydraulic oil.

Meet Requirements

- Stanimuc GA
- DIN 51502 CGLP
- Stanimuc GB
- ISO 6743/13 GA
- ISO 6743/13 GB
- ISO 12925-1 CKE
- ISO 19378



Technical Properties

Characteristics \ Series		Hi-Tech Slideway Oil W		
		32	68	220
Appearance	APM 27	Clear	Clear	Clear
Kinematic Viscosity @ 40 °C, mm ² /s	ASTM D 445	32.5	68.1	220
Viscosity Index	ASTM D 2270	98	110	110
Flash Point, COC, °C, Min.	ASTM D 92	215	221	224
Pour Point, °C	ASTM D 5950	-18	-15	-13
Rust Test /B	ASTM D 665	Pass	Pass	Pass
Density @ 15 °C, kg/m ³	ASTM D 4052	860	863	892

All the mentioned values are typical which may vary from batch to batch.

