

# OIL TECH

*The Lubrication Specialists*

## TECHNICAL DATA SHEET

### SLIDEWAY OILS

#### PRODUCT DESCRIPTION

**Slideway oils** are Sophisticated lubricants recommended for slideways of machine tools, planers, lathes or guides of other types of machines where a tacky lubricant is required.

The dimensional accuracy and surface quality of components manufactured on machine tools depends primarily on the tolerance built into the machine but the slideway lubricant also plays a significant role in determining accuracy.

To avoid chatter marks on the surface of components, a well adhering slideway lubricant must be used which guarantees smooth fluid movements even when the feed speeds are low and the loading high. The expressions “stick-slip” and “chattering” describe the absence of these qualities.

**Slideway Oils** are manufactured from the highest quality paraffin base oils, non-corrosive EP additives and tackifier and is fully inhibited to protect against rust, oxidation and foam development.

Details	Measure	Typical Results	Typical Results
ISO Viscosity Grade		68	220
Flash Point (COC)	°C	240	240
Pour Point	°C	-24	-18
Viscosity @ 40°C	cSt	68.0	220
Viscosity @ 100°C	cSt	8.85	18.7
Viscosity Index		95	95
Total Acid Number	Mg KOH/g	0.61	0.4
Specific Gravity @ 15°C	Kg/Lt	0.887	0.89
Oxidation Characteristics			
Hours to TAN 1.5		>1500	>1500
Rust Prevention-Salt Water @48 hours		Pass	Pass