



Product Information: Slideway Oils

Description

Smith and Allan Slideway oils are formulated and manufactured using only the highest quality mineral virgin base stocks, incorporating multifunctional additives which offer excellent lubrication performance of machine tool slides, tables and feed mechanisms.

Their superior tackiness and stick-slip characteristics offer excellent frictional performance on slideways, favourable demulsification properties allow for high exposure to soluble cutting fluids.

Applications

These products may be used to lubricate machine tool slideways, tables and feed mechanisms. They may also be used for the lubrication of hydraulic and gearbox systems, where viscosity is appropriate. The lower viscosity grades (ISO 32 & 68) are intended for horizontal slide lubrication, for vertical slides use ISO 220.

Performance Features

- Ready separation from water-miscible cutting fluids
- Good slideway adhesion
- Excellent stick-slip performance
- Good anti-wear performance
- Excellent corrosion prevention characteristics

Performance Levels

- Fives Cincinnati: P-50 (ISO 220), P47 (ISO 68) & P-53 (ISO 32)
- DIN 51502 CGLP

Typical Data

Characteristic	Unit	ISO 32	ISO 68	ISO 220
Density @ 15.6°C	g/ml	0.870	0.883	0.896
Kinematic Viscosity @ 40°C	cSt	32	68	220
Kinematic Viscosity @ 100°C	cSt	5.4	8.78	19.4
Viscosity Index		100	101	95
Flashpoint (Closed)	°C	215	225	230

Figures based on average production values