

Technical Data Sheet

Texol Slideway™ Series

Efficient performance machine tool slideway lubricant

Product Description

Texol Slideway™ is an efficient performance machine tool slideway lubricant, formulated with synthetic esters oils, friction modifiers, extreme pressure and anti-rust additives, with tackiness agents, and corrosion inhibitors.

Customer benefits

- Friction modifiers contribute smooth high lubricity, helping reduce friction, drag, stick-slip and chatter, improving workpiece finish
- Tackiness additives provide high oil film strength and assist in accurate table positioning and lubricant stability on vertical slideways
- EP additives maintain tough oil film protection on slideways and guides helping resist scoring and wear under heavy loads
- Rust and corrosion inhibitors, combined with an adhesive oil film, assist in maintaining robust machine protection
- Adhesive performance helps ensure lubricant resists fluid washout, and squeeze out under heavy loads
- Compatible with most industrial soluble oils and coolants

Applications and Uses

- Machine tool slideway and guides:
 - Horizontal slideways (ISO 68)
 - Light-to-moderate applications (ISO 68)
 - Vertical slideways (ISO 220)
 - More severe applications (ISO 220)
- Suitable for use with Bijur Automatic lubricant delivery systems
- Damping fluid for wind turbines (ISO 220)

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Typical Properties

Property (Unit)	Slideway68	Slideway 100	Slideway 220	Method
Density at +15 °C	995	997	998	DIN 51757
Viscosity @40°C, cSt	68	100	220	DIN 51550
Viscosity @100°C, cSt	9.81	12.15	20.90	DIN 51550
ISO Viscosity Grade	68	100	220	DIN 51519
Viscosity Index	207	209	212	DIN ISO 2909
Flash Point, °C	290	300	310	DIN ISO 2592
Pour Point, °C	-37	-35	-33	DIN ISO 3016
Four ball weld load, N	1500	1500	1500	DIN 51350-02
Steel corrosion	0	0	0	DIN 51585
FZG test (A/8.3/90)		>12		DIN 51354

Notes for Use

- Please observe the viscosity specified by the manufacturer.
- Good compatibility with conventional sealing materials.
- When changing over from mineral oil to Texol Slideway™ oil filters have to be monitored and – if necessary exchanged or cleaned