

TRUEGARD WAY LUBE 68

Machine Tool Slideway Oils

PRODUCT DESCRIPTION

TRUEGARD Way Lube 68 Oils are specially designed for the lubrication of machine tool slides, tables and feed mechanisms. Their enhanced tackiness and stick-slip characteristics combine to offer superior frictional performance on slideways. They are specially recommended in cases where high exposure to soluble cutting fluids exists.

MAIN APPLICATIONS

- **Machine tool slideways, tables and feed mechanisms**

Developed for use on a wide range of materials used for machine tool slideway surfaces, including cast iron and synthetic materials. TRUEGARD Way Lube 68 is intended for horizontal slideways and can be also be used in the hydraulic and gearbox system.

FEATURES/BENEFITS

- **Ready separation from water-miscible cutting fluids**

Separates completely and immediately from water-miscible metalworking fluids allowing easy removal by skimming. This helps to achieve longer coolant life, better cutting performance and to reduce Health & Safety issues.

- **Good slideway adhesion**

Provides very effective adhesion to slideway surfaces, resisting wash-off by metalworking fluids and thus reducing oil consumption and giving more uniform working conditions for the machine.

- **Good frictional properties**

“Stick-slip” problems are overcome, allowing more accurate positioning. This provides benefits of improved finished surface quality and dimensional accuracy of work pieces.

- **Good anti-wear performance**

Provides anti-wear protection for slideways, gears, bearings and hydraulic system components.

- **Excellent corrosion prevention characteristics**

Provides effective protection of machine tool surfaces and components in the presence of water-miscible cutting fluids.

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SPECIFICATIONS AND APPROVALS

- Cincinnati Machine P-50 (ISO 220), P-47 (ISO 68), P-53 (ISO 32)
- ISO 19378 / ISO 6743-13 GA and GB DIN GGLP

TYPICAL PHYSICAL CHARACTERISTICS

Properties	Method	TRUEGARD Waylube 68
ISO Viscosity Grade	ISO 3448	68
Kinematic Viscosity @40°C mm ² / s	ISO 3104	68
Kinematic Viscosity @100°C mm ² / s	ISO 3104	8.6
Viscosity Index	ISO 2909	98
Density @15°C kg/ m ³	ISO 12185	879
Flash Point (Cleveland Open Cup) °C	ISO 2592	225
Pour Point °C	ISO 3016	-24