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...the right solution

Product Bulletin

Stearocling Moly Way Oil Series

High performance way oils

Description

Stearocling Moly Way Oils are designed to meet the critical lubrication demands of machine tools that rely on slide ways for precision and accuracy in machine operations. The unique blend of way oil additives blended in a high VI basestock provide smooth and uniform movement of machine tool components even under severe loads.

Stearocling Moly Way Oils, due to their non-drip, stay-in-place characteristic, are often used in wire rope, chains and other mechanisms exposed to the elements including the washing action of water.

Performance Benefits

- Reduced friction allowing for frequent start-ups, slow speeds and high and unexpected loads.
- Increased load bearing area which can reduce unit pressures, operation temperature and wear.
- Effective toward the elimination of “stick-slip” and “chatter” on all ways, vertical and horizontal.
- Smoother, more efficient operation with longer parts life.
- High viscosity index to assure even performance across a wide range of temperatures.

Compatibility With Work Materials

Stearocling Moly Way Oils are compatible with all oil resistant seals and all metal and oil resistant surfaces. Check with your Vulcan Oil sales person for questions regarding compatibility.

Recommended Applications

Stearocling Moly Way Oils are designed to be used straight in many kinds of industrial applications. Select the viscosity recommended by the equipment manufacturer. If the viscosity is too heavy it will cause hydrodynamic films to form, which will result in poor size control. If the viscosity is too low it will cause increased wear and erratic performance.

Typical Characteristics

	Stearocling 100 Moly	Stearocling 320 Moly
Appearance	Dark gray, viscous liquid	Dark gray, viscous liquid
Specific Gravity @60F (16C)	0.8896	0.8895
Viscosity, cST @ 100F (38C)	100	320
Flash Point, COC	>380	>380
ISO Grade	100	320