

KYNOS SLW

Slide Or Guide Way Lubricant

KYNOS LUBRICATION PRIVATE LIMITED

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KYNOS SLW: Slide Or Guide Way Lubricant engineered with Anti-Stick-Slip Technology.

KYNOS SLW Lubricant is a specially formulated oil designed for the lubrication of machine tool slideways and guides. It provides exceptional lubrication properties, reducing friction and wear between metal surfaces, ensuring smooth and precise movement of machine components.

This lubricant is engineered with anti-stick-slip technology, which enhances the accuracy and performance of machine tools by preventing jerky motion and providing consistent fluid film strength.

It also has excellent adhesion properties, forming a stable and lasting lubricating film that resists being washed away by cutting fluids or coolants commonly used in machining operations. It is suitable for both horizontal and vertical slideways, offering protection against corrosion and extending the lifespan of equipment. This makes it ideal for use in milling machines, lathes, grinders, and other machine tools where precise and reliable motion is critical.

Applications

Maintains stable operation for vertical and horizontal machining centres in machinery industries. And also, can enhance accuracy and performance of CNC machines in Industries.

Benefits

- Excellent Metal Wetting properties
- Non corrosive to both metal and non-metal materials
- Exceptional Load carrying capabilities
- Eliminates stick slip
- Provides excellent demulsibility characteristics in the presence of water based cutting oil.
- No adverse reaction to resin coated surfaces
- Very good corrosion protection

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Approvals

- ISO 6743-4: HG
- ISO 6743-13 GA
- Cincinnatti Milacron P-47 (ISO VG 68)
- Cincinnatti Milacron P-50 (ISO VG 220)
- Cincinnatti Milacron P-53 (ISO VG 32)
- Cincinnatti Milacron P-69
- DIN 51524 part 2 HLP
- DIN 51517 part 3 CLP

Typical Performance Data

Properties	Test Method	KYNOS SLW			
		32	46	68	100
Density, 25 °C, g/ml	ASTM D-1298	0.87	0.88	0.88	0.88
Viscosity, 40 °C, mm ² /s	ASTM D-445	32	46	68	100
Flash Point, °C	ASTM D-92	>180	>200	>200	>200
Pour Point, °C	ASTM D-97	<-10	<-10	<-10	<-10
Viscosity Index	ASTM D-2270	>90	>90	>90	>90
Copper Corrosion	ASTM D-130	1a	1a	1a	1a

*All performance data on this Technical Data Sheet are indicative only and may vary during production.