



PRODUCT DATA SHEET



EKO SLIDE

Lubricants for machine tool slideways

DESCRIPTION

The EKO SLIDE lubricant range includes lubricants for horizontal and vertical slideways of modern machine tools.

EKO SLIDE lubricants can also be used to lubricate gearboxes and hydraulic machine tool systems when the manufacturer recommends using one lubricant for all lubrication points of the machine tool.

SPECIFICATIONS

DIN 51502 CG, CINCINNATI MILACRON.

ADVANTAGES

- EKO SLIDE lubricants display excellent stick-slip performance. Stick-slip occurs in slow moving machines that operate under heavy loads; under such conditions the lubricating film breaks, and metal comes into contact with metal.
- They contain special adhesion additives which allow them to adhere firmly to the surfaces on which they slide preventing the metals from coming into direct contact.
- They easily separate from water-based cutting fluids.
- They provide excellent protection against wear, and have excellent thermal stability and resistance to oxidation, thus meeting the performance requirements of both gear and hydraulic oils.



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TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO SLIDE 32	EKO SLIDE 68	EKO SLIDE 220
ISO Viscosity Grade	-	-	32	68	220
Density at 15°C	ASTM D 4052	g/ml	0.872	0.886	0.895
Kinematic viscosity at 40°C	ASTM D 445	cSt	32	68	220
Kinematic viscosity at 100°C	ASTM D 445	cSt	5.4	8.7	18.7
Viscosity Index (VI)	ASTM D 2270	-	100	98	95
Pour Point	ASTM D 5950	°C	-21	-18	-15
Flash point, min	ASTM D 92	°C	215	220	235

HEALTH AND SAFETY

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.

Issue 3, 3 January 2018

This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. +30 210 5509 511 and +30 210 7725 418. Advice on safe handling is provided in the Safety Data Sheet.