

SBK SLIDEWAY OIL is a premium quality machine tool lubricant specially formulated for the lubrication of slideways, guideways, tables, feed mechanisms, and machine tool hydraulic systems. It is blended with high-quality mineral base oils and advanced tackiness additives to provide excellent adhesion, anti-stick-slip performance, wear protection, and smooth machine operation.

PERFORMANCE, FEATURES & BENEFITS

- Excellent cooling and lubricating properties
- Forms stable milky emulsion with water
- Extends cutting tool life
- Improves surface finish
- Excellent rust and corrosion protection
- Good emulsion stability in hard and soft water
- Suitable for light to medium-duty machining applications

MAIN APPLICATIONS

SBK Soluble Cutting Oil is recommended for turning, milling, drilling, grinding, reaming, tapping, sawing, and CNC machining operations. The product is suitable for use on a wide range of ferrous and non-ferrous metals including steel, cast iron, aluminum, copper, and brass alloys, providing excellent cooling, lubrication, and corrosion protection during machining processes. Always add AZB ENERGY Soluble Cutting Oil slowly into water while stirring continuously. Never add water directly into the oil concentrate.

SPECIFICATIONS & RECOMMENDATIONS

- General Metalworking Fluid Applications
- Grinding, Turning, Milling, and Drilling Applications
- Automatic and semi-automatic machines
- Automotive and industrial component machining applications

PRODUCT SPECIFICATIONS

TEST PARAMETER	TEST METHOD	TYPICAL VALUE
Appearance	Visual	Clear and bright
Emulsion Stability	Visual	Stable Emulsion
KV @ 40°C	ASTM D445	32
Density @ 15°C	ASTM D4052	0.8756
Flash Point	ASTM D92	≥ 150
Pour Point	ASTM D97	-6

* Note: Typical value; may vary slightly. Please contact your SBK representative for the current batch COA (Certificate Of Analysis)