

SBK Neat Cutting Oil is a premium quality chlorine-free neat cutting oil formulated from highly refined mineral base oils and advanced lubricity additives. The product is designed to provide excellent cooling, lubrication, anti-wear protection, and superior surface finish during machining operations. It is suitable for a wide range of light to medium-duty machining applications on ferrous and non-ferrous metals.

PERFORMANCE, FEATURES & BENEFITS

- Excellent lubricating performance
- Improves cutting tool life
- Provides superior surface finish
- Reduces friction and tool wear
- Good oxidation and thermal stability
- Low mist and low Odor formulation
- Excellent chip flushing characteristics
- Suitable for high-speed machining operations

MAIN APPLICATIONS

SBK Neat Cutting Oil is recommended for turning, drilling, milling, reaming, tapping, broaching, gear cutting, threading, and automatic machining operations. The product is suitable for use on steel, alloy steel, cast iron, aluminum, copper, and brass components where high machining accuracy and improved tool life are required.

SPECIFICATIONS & RECOMMENDATIONS

SBK Neat Cutting Oil is recommended for general-purpose neat cutting oil applications and is suitable for light to medium-duty machining operations in conventional and CNC machines. Recommended for use in automotive workshops, engineering industries, fabrication plants, and general metalworking applications.

PRODUCT SPECIFICATIONS

TEST PARAMETER	TEST METHOD	TYPICAL VALUE	
Grade	-	22	32
Appearance	Visual	Clear and bright	Clear and bright
KV @ 40°C	ASTM D445	22.0	30.5
Density @ 15°C	ASTM D4052	0.8545	0.8552
Flash Point	ASTM D92	≥ 150	≥ 200
Pour Point	ASTM D97	-15	-12

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