



SUPER CUT OIL

CUTTING AND MACHINING LUBRICATING OIL

Super Cut Oil Vistony, in metal cutting and machining operations, minimizes the friction temperature between the cutting tool and the workpiece, obtaining a minimum energy consumption, a longer useful life of the cutting tool, increasing the production, protection against chip welding and better finish of the workpiece.

USES

Super Cut 46 is applicable for ferrous alloy machining, threading, broaching, gear making, deep hole drilling and flat grinding operations.

It can be applied to a variety of metals such as aluminum and its alloys; magnesium and its alloys, yellow metals, steels.

PROPERTIES

Vistony cutting lubricating oils are made with highly refined basic mineral oils with a high viscosity index, high thermal and chemical stability, free from mist formation, to which additives such as:

- Fatty lubricity agents that give it greater wetting power, reducing the surface tension of the oil and greater cooling power.
- Extreme pressure chemical agents, anti-welding, chemical stabilizers and antioxidants such as sulfur and chlorine that react with the metal surface, forming a film of chemical compound between the surface of the tool and the chip.
- The high content of extreme pressure additive and fatty oil gives good surface finishes even under severe operations.

SPECIFICATIONS

- Meets Cincinnati Machine P-47 approval specification.

HEALTH AND SAFETY

This product does not present a health or safety risk as long as good personal and industrial hygiene practices are maintained. In case of contact with the skin, wash immediately with soap and water.

Do not pour used oil down drains or gutters. Dispose of waste responsibly. For more information, request the Safety Data Sheet.



TYPICAL PROPERTIES

PHYSICOCHEMICAL TESTS	UNIT	METHOD	AVERAGE VALUES	
ISO VG grade			32	46
Relative Density @ 15°C	Kg/L	ASTM D-4052	0.875	0.883
Kinematic Viscosity @ 40°C	cSt	ASTM D-445	28	45
Kinematic Viscosity @ 100°C	cSt	ASTM D-445	5	6.7
Viscosity Index		ASTM D-2270	102	101
Flashpoint	°C	ASTM D-92	200	200
Max. Pour Point	°C	ASTM D-97	-8	-8
Color		VISUAL	2	3

The specifications are average values. In the manufactured batches there may be slight variations that do not affect the quality of the product, or the performance.

AVAILABLE SIZES

SUPER CUT
5 gal bucket
55 gal cylinder