



# INDUSTRIAL STEELCUT



## DESCRIPTION

STEELCUT is a neat lubricant of the highest quality for the processing of steel and its alloys. It is enforced with high pressure additives and a "active sulfur" agent to ensure high durability against corrosion, even in demanding working environments. It does not contain chlorine.

## APPLICATIONS

STEELCUT is suitable for various cutting processes, such as gear cutting, milling, springs and grooves manufacturing, steel alloys and other ferrous mixtures. To achieve efficiency maximization, its frequent filtration is recommended to remove chips.

## CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Excellent properties against wear.	Increase of the cutting tool's life expectancy.
Excellent properties against high pressure.	High cutting speeds, "finishing" surface even in high pressure conditions.
Exceptional cooling properties.	Smooth system operation, effective cooling.
Formulated with additives to increase adhesion.	Sufficient protection in interrupted processes or when replacing the cutting tool.

## PHYSICAL-CHEMICAL CHARACTERISTICS

STEELCUT	METHOD	
Density at 15°C, g/cm <sup>3</sup>	ASTM D1298	0,8700
Viscosity, Kinematic (cSt) 40°C	ASTM D445	22
Foam test	ASTM D892	0-0-0
Flash point, COC, °C	ASTM D92	200
Copper corrosion	ASTM D130	4B
4 Ball Wear Test:-Scar Diameter, mm	ASTM D 2266	1,85
4 Ball Weld Test:-Weld Load, N, min.	ASTM D 2783	4600
Rust Test	ASTM D 665	Pass
Color	ASTM D1500	Dark Brown

The abovementioned characteristics represent mean values.

## SPECIFICATIONS

ISO 6743-7 (ISO-L-MHD)