



INDUSTRIAL ALUCUT



DESCRIPTION

ALUCUT is a high quality, multi-purpose, neat, cutting oil. It consists of a highly refined mineral basestock and an advanced chlorine-free, extreme pressure, "inactive sulfur" additive package.

APPLICATIONS

ALUCUT is suitable for a variety of metalworking operations, such as gear cutting, high speed hobbing, thread grinding, milling, honing, on a variety of non-ferrous (e.g. copper, bronze, etc.) and low medium tensile steel metal applications.

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

ALUCUT	METHOD	
Specific gravity 15°C, g/cm ³	ASTM D1298	0,859
Viscosity (cSt) 40 ⁰ C	ASTM D445	30,1
Viscosity (cSt) 100 ⁰ C	ASTM D445	5,4
Foam test,ml	ASTM D892	20/0/0
Flash point, COC, °C	ASTM D92	200
Copper corrosion	ASTM D130	1B
Rust stest	ASTM D 665	Pass
Pour point,°C	ASTM D 97	-21
Color	ASTM D1500	Dark brown

The abovementioned characteristics represent mean values.

SPECIFICATIONS

ISO 6743-7 (ISO-L-MHC)