



LUBRICANTS



Product Data Sheet

Gulfcut® NS18P

Tri-Purpose Cutting, Gear and Hydraulic

Light-colored, low viscosity, chlorine-free multi-purpose cutting oil. It can be used as a machine tool lubricant and hydraulic fluid in screw machines and other automatic type machine tools. Formulated from a blend of highly refined base oils with a new, carefully selected additive system that eliminates chlorinated compounds. This new additive technology forms a protective film at the metal/tool interface beyond the ability of traditional, cutting fluids. Suitable for a wide range of ferrous and non-ferrous metals and machining operations.

Features and Benefits

- Light, transparent color
- High lubricity for superior finishes
- Non-corrosive to copper and copper alloys
- Machinability from light to moderately severe

Applications

- Automatic screw machines
- Tapping and threading of mild steel
- Sawing, Tapping
- Shaping
- Drilling & milling
- High speed surface grinding and honing

Typical Properties

Product Code	Test Method	335000
Viscosity cSt @ 40°C	ASTM D445	18.0
Viscosity SUS @ 100°F	ASTM D2161	90
Specific Gravity @ 60°F	ASTM D1298	0.860
Color	ASTM D1500	L3.0
Flash Point, COC, °F	ASTM D92	350
Copper Corrosion	ASTM D130	1B
Sulfur, wt.%		0.50
Active Sulfur		Nil
Chlorine, wt.%		Nil
Lubricity Additive, wt.%		8.0
Phosphorous, wt.%		0.10

*Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.

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