

# CUT 16 FP

## Neat cutting mineral oil



### DESCRIPTION

It's a neat cutting mineral oil for heavy mechanical processes with low viscosity. It's free from chlorine and heavy metal as zinc and lead and it has E.P. additives based on active/inactive sulphur. CUT 16 FP has a very refined mineral base, hydrogenated, high quality, low odor, very restricted distillation range to minimize fume and mist formation. The cooling power is particularly efficient thanks to its fluidity, while the anti-saldant lubricant power is supported by the additives presence that work synergistically between them and in a wide range of temperatures.

It guarantees:

- Low tendency to foam formation, in particular with high pressure of oil jets or with spindle rotation in high velocity;
- Excellent cutting power for high quality finishes, even with highly alloyed steels;
- Excellent anticorrosive and antirust protection of all those ferrous materials thanks to specific and exclusive metal passivators;

- High detergency and easy decantation of the chips; It's easy to remove with any petroleum solvent or with alkaline wash. It's not irritant and with moderate odor.

### APPLICATIONS

It's suitable for mechanical processes, also for heavy operations with automatic machines of hard and extra hard alloy steel even stainless steel.

It's particular adapt for:

- deep drilling;
- automatic turning processes;
- turning;

CUT 16 FP can substitute cutting oil containing chlorine.

### WARNINGS

The product is also suitable for mechanical processes of aluminum alloy. The product stains copper and its alloys. We recommend contacting our Customer Service Technical Support.

### AVERAGE CHEMICAL AND PHYSICAL PROPERTIES\*

Characteristic	Method	U.m.	Value
Physical Appearance	Visivo/Visual	-	liquido limpido ambrato
Density at 20°C	ASTM D 7042	Kg/lt	0,867
Viscosity at 40°C	ASTM D 7042	cSt	14,9
Viscosity at 100°C	ASTM D 7042	cSt	3,64
Viscosity Index	ASTM D 2270	-	130
Sulphur	ASTM D 129	%p	presente
Flash Point COC	ASTM D 92	°C	195
Fire point	ASTM D 92	°C	213
Cloud point	P.O. 10.64	°C	<-20
Brugger	DIN 51347	N/mm <sup>2</sup>	106

\*These data do not constitute specification

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