

S-OIL METAL CT 960 (Water soluble cutting, grinding fluid)

Product Description

S-OIL METAL CT 960 is high performance mineral oil based emulsion type water soluble cutting fluids for difficult processing for aluminum metals

Applications

- O Aluminum metals : Milling, Turning, Drilling, Grinding etc.
- O Ferrous metals : Milling, Turning, Drilling, Grinding etc.
- O Cutting : $5 \sim 15\%$, Grinding : $3 \sim 7\%$ by volume.
- O Term of Validity : 12 months from the date of manufacture at sealed state, 0 to 40° C.

Features and potential benefits

- O It has an excellent lubricity, suited for aluminum high speed processing.
- O It has a good anti-rusting ability, can be applied to ferrous metals.
- O It have a good anti-decomposition ability, emulsification stability, anti-foaming ability, cleaning ability, thus, may reduce emission of pollutants and dedicate worker to their operation condition

Recommended Dilution

	Cast Iron	Low- carbon Steel	High- carbon Steel	Stainless Steel	Heat- resistant Steel	Non- ferrous Metals	Low Billet Aluminum	High Billet Aluminum
Reaming	5%	5%	5%	5%	6%	6%	6%	8%
Drilling	4%	4%	5%	5%	5%	6%	6%	8%
Milling	4%	4%	5%	5%	5%	6%	6%	8%
Tapping	4%	8%	8%	8%	8%	8%	8%	8%
Turning	4%	8%	8%	8%	8%	8%	8%	8%
Grinding	3%	3%	3%	3%	3%	3%	5%	5%

Typical Properties

Test Items	Method	Unit	S-OIL METAL CT 960
Appearance		conc	Yellow semi transparent
		x10	Milky
Specific gravity	ASTM D1122	15/4 ℃	0.95
pH, room temp,	ASTM D1287	X10	9.6

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet is obtainable via your commercial adviser.