

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

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

Features and potential benefits

- It has an excellent lubricity, suited for aluminum high speed processing.
- It has a good anti-rusting ability, can be applied to ferrous metals.
- 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 x10	Yellow semi transparent Milky
Specific gravity	ASTM D1122	15/4℃	0.95
pH, room temp,	ASTM D1287	X10	9.6