



# FUMIO LUBE

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## LUBRICATING OIL

### FL FUMICOOL SM-10

**FL FUMICOOL SM-10** is low septic fluid for general cutting/ grinding.

#### 1. SPECIAL FEATURES

- Used for cutting/ grinding works of steel, extend service life of tools and improve smoothness of finished surface.
- Excellently rust preventive and anti-corrosive for steel and non-ferrous metals.
- Containing good anti-septic additive, hold deterioration of the solution minimum and extend its service life.
- Good de-foaming provides workability.

#### 2. TYPICAL USES AND STANDARD DILUTING RATIO

Materials to work : Cutting/ grinding of steel and non-ferrous metals

Detailed works : Cutting works of steel and non-ferrous metals

By NC lathe	5% ~ 10%
Inside and outside grinding of steel and non-ferrous metals	3% ~ 5%

#### 3. TYPICAL PROPERTIES

Density (15°C) g/ cm <sup>3</sup>	0.910	
Appearance, Raw Fluid	Reddish brown	
Appearance, Diluted Solution (*)	Milky white emulsion	
PH (*)	9.45	
Surface Tension (*) dyne/ cm	35.2	
Rust Preventive Test FC-20 24 hr	3.3% diluted	Chip method/ No change
	5% times diluted	Match method/ No change
Influence on Non-Ferrous Metals (*) Room temperature x 48 hr	Copper (C-1100P)	No change
	Aluminum (A-1050P)	No change
Emulsion Stability (*) ml/ 100ml Room temperature x 24hr	Oil cream/ Trace	

\*Tested on diluted solution of 10%

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