



## Product Data Sheet

### FOCUS COOLMIX-512

#### Product Description:

**FOCUS COOLMIX-512** has been formulated to be an ultra-long-life, all water stable soluble metalworking cutting fluid. This anti-foaming emulsion is extremely high heat absorbing and very much suitable for high speed cutting applications properties. Fortified with biocides and fungicides, **FOCUS COOLMIX-512** effectively stops unpleasant odors and enhances working environment with unique fragrance added into this proprietary formulation.

#### Usage:

**FOCUS COOLMIX-512** is recommended for light to moderate machining operations on ferrous and non-ferrous metals except magnesium. Normal usage depending on material to be cut and cutting speed is suggested as follows:

- 5% to 15% for milling and turning applications.
- 3% to 5 % for grinding

#### Benefits:

- Long life formulation.
- Designed to reduce tramp/ waste oil in oil sump
- High lubricity leading to extended tool life
- Excellent cooling and heat absorbing properties
- No foaming
- Rust and corrosion protection
- Strong bacteria and odor resistant
- Formulated with stable perfume for pleasant working environment

#### Typical Characteristics:

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
<b><u>As Concentrate:</u></b>		
Appearance		Mineral Clear
Specific Gravity @ 15°C	ASTM D 4052	0.98
<b><u>As Emulsion:</u></b>		
Appearance:		Milky
pH @ 3 %		9.5
IP 287 Corrosion test %		2.0
Refractometer Factor		1.0

Figures given are typical of current production and conform to specification. May be subjected to minor variation.  
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