



Product Data Sheet

FOCUS COOLMIX-SS510

Product Description:

FOCUS COOLMIX-SS510 is a low oil content and long life semi synthetic metalworking coolant formulated for milling, grinding, drilling, cutting, forming and various other heavy duty applications. It is suitable for machining both ferrous and non-ferrous based materials, including stainless steels and aluminum.

FOCUS COOLMIX-SS510 exhibits low foaming tendencies and exceptional corrosion inhibition properties. The addition of a multifunctional ester additive provides the lubricity properties for a superb finishing and longer tool life. Fortified with bactericides and fungicides, **FOCUS COOLMIX-SS510** also provides high resistance against bacterial and fungal growth.

FOCUS COOLMIX-SS510 ensures low staining on the metal piece and is designed to meet with modern day machining demands as well as offering a clear work piece visibility. The coolant offers a straight forward blending process by simply diluting with water.

Usage:

FOCUS COOLMIX-SS510 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 10% for milling and turning applications.
- 3% to 5 % for grinding

Benefits:

- Clear emulsion to see workpiece better during operation
- Ultra-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
- low 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
<u>As Concentrate:</u>		
Appearance		Clear Liquid
Specific Gravity @ 15°C	ASTM D 4052	1.01
<u>As Emulsion:</u>		
Appearance:		Slight translucent
pH @ 3 %		9.8
IP 287 Corrosion test %		2.0
Refractometer Factor		2.0

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