



Focus Ester OE 1005

Multipurpose Water-Soluble Ester

Product Description

Focus Ester OE 1005 is specially designed to use in water-dilutable metalworking coolants. **Focus Ester OE 1005** will provide lubrication and corrosion protection with outstanding wetting characteristics. Using **Focus Ester OE 1005** will reduce or eliminate the amount of additives needed in metalworking coolants, like chlorine, fatty acids and amides. **Focus Ester OE 1005** does not contain any phosphorus, chlorine or sulfur and is ashless.

Applications

Focus Ester OE 1005 can be formulated into emulsion systems like semi-synthetics. It can be used in synthetic fluids as both a lubricant additive and corrosion inhibitor. **Focus Ester OE 1005** is suitable for both metal removal and metal forming operations. Treatment levels of 1% to 15% into the concentrate are suggested, depending upon the severity of the machining operation. **Focus Ester OE 1005** will replace fatty acids, amides, chlorine, inactive sulfur compounds, blown oils and other friction modifiers. **Focus Ester OE 1005** is an excellent wetter and co-emulsifier, and adds to corrosion protection with cleaner coolant operations.

Benefits

- High oxidative stability
- Excellent corrosion protection
- Co-emulsifier
- Excellent wetting characteristics
- Cleaner metalworking operations
- Replaces nonylphenol ethoxylates

Typical Properties

Feature	Data
Appearance	Clear viscous amber liquid
Specific gravity @ 25 °C	1.07
Acid number (mg KOH/g)	60
Viscosity @ 40 °C (cSt)	1050
pH, 1% aqueous	8.3

Packaging

Packaging	Description	Net Wt.
Drums	55 gallon non-returnable	450 lbs.
Totes	275 gallon non-returnable	2250 lbs.

Registration

USA	TSCA
Canada	DSL

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