



## Focus Ester OE 1005

### *Multipurpose Water-Soluble Polymerized Ester*

#### Product Description

**Focus Ester OE 1005** is specially designed to use in water-dilutable metalworking coolants. **Focus Ester OE 1005** will provide hydrodynamic 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.

#### Applications

**Focus Ester OE 1005** can be formulated into emulsion systems like soluble oils, semi-synthetic, synthetic, drawing and stamping applications. 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 oil 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

- 0% iodine value
- High oxidative stability
- Excellent corrosion protection
- Co-emulsifier
- Environmentally friendly
- Excellent wetting characteristics
- Cleaner metalworking operations
- Replaces nonylphenol ethoxylates

#### Typical Properties

Feature	Data
Appearance	Clear viscous amber liquid
Specific gravity @ 25C	1.075
Acid number (mgKOH/g)	60.0
Viscosity (cst) @ 40C	1,132
pH 1.0% in DI water	8.45

#### Packaging

Packaging	Description	Net Wt.
Drums	55 gallon non-returnable	450 lbs
Totes	275 gallon non-returnable	2,250 lbs

#### Registration

USA	TSCA
Canada	DSL

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