

# Focus Ester OE 1005

## 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 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

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

## TYPICAL PROPERTIES

Feature	Unit	Standard Value
Appearance	-	Clear viscous amber liquid
Specific gravity @ 25 °C	-	1.08
Viscosity @ 40 °C	cSt	1000
Acid number	mg KOH/g	60
pH, 1% aqueous	-	8.3

## PACKAGING

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

## HANDLING, SAFETY, HEALTH AND ENVIRONMENT

See safety data sheet

NOTE: All statements, information, and data that are given in this bulletin are believed to be accurate and reliable, but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied on our part. Because we have no control over the matter in which our products may be used, we cannot be responsible for the results in customers' processes.