

Focus Ester OE 1505

PRODUCT DESCRIPTION

Focus Ester OE 1505 is specially designed to use in water-dilutable metalworking coolants. **Focus Ester OE 1505** will provide lubrication and corrosion protection with outstanding wetting characteristics. Using **Focus Ester OE 1505** will reduce or eliminate the amount of additives needed in metalworking coolants, like chlorine, fatty acids and amides. **Focus Ester OE 1505** does not contain any phosphorus, chlorine or sulfur and is ashless.

APPLICATIONS

Focus Ester OE 1505 can be formulated into emulsion systems like soluble oils and semi-synthetics. It is miscible in many different oils while simultaneously will disperse in water. **Focus Ester OE 1505** 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 1505** will replace fatty acids, amides, chlorine, inactive sulfur compounds, blown oils and other friction modifiers. **Focus Ester OE 1505** 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, both oil and water-soluble
- Excellent wetting characteristics
- Replaces nonylphenol ethoxylates
- Excellent thermal, oxidative and hydrolytic stability
- Will not cause staining
- Light in color with low odor
- Replaces all fats and fatty compounds, reducing biological attack
- High level of corrosion protection allows reduction of corrosion inhibitors

TYPICAL PROPERTIES

Feature	Unit	Standard Value
Appearance @ 25 °C	-	Clear viscous amber liquid
Specific gravity @ 25 °C	-	1.00
Viscosity @ 40 °C	cSt	970
Acid number	mg KOH/g	80
pH, 1% aqueous	-	8.1

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

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