



Focus Ester OE 1505

Multipurpose Polymerized Water-Dispersible Ester

Product Description

Focus Ester OE 1505 is specially designed for water-dilutable metalworking coolants and will provide hydrodynamic lubrication, wetting and corrosion protection. **Focus Ester OE 1505** will reduce or eliminate the amount of additives needed in the metalworking coolants, like chlorine, fatty acids and amides.

Applications

Focus Ester OE 1505 is formulated into emulsion systems like soluble oils, semi-synthetic, synthetic, drawing and stamping applications for emulsification, corrosion protection and wetting characteristics.

Treatment levels of 1% to 15% into the concentrate are suggested, depending upon the severity of the machining operation.

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 no odor
- High degree of saturation offers biostability properties
- Replaces all fats and fatty compounds, reducing biological attack
- High level of corrosion protection allows reduction of corrosion inhibitors

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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