



## Focus Ester PA 75

### *Polymerized Fatty Ester*

#### Product Description

**Focus Ester PA 75** is a branch chain polymerized ester. It is designed to replace and substantially reduce the amount of extreme pressure additives such as chlorine, sulfur or phosphorous in industrial coolants and industrial machining oils. **Focus Ester PA 75** is soluble in many oils as well as synthetic oils, including PAOs.

#### Applications

**Focus Ester PA 75** can be formulated into emulsion systems like soluble oils, semi-synthetic, synthetic, drawing and stamping and other water-dilutable fluids. Treatment levels of 1% to 15% into the concentrate are suggested. **Focus Ester PA 75** will replace or reduce the amount of chlorine, sulfur, phosphorous, blown oil, lard oil and other fatty friction modifiers.

In neat oil applications, **Focus Ester PA 75** is recommended to be used in combination with chlorine, active sulfur or phosphorus, depending upon the severity of the operation.

#### Benefits

- Ashless: will not cause staining
- Light in color with no odor
- High degree of saturation
- Replaces all fats and fatty compounds, reducing biological attack
- Offers dual purpose capability for cutting and hydraulics
- Very low iodine value
- Excellent thermal, oxidative and hydrolytic stability
- Excellent burn-off characteristics

#### Typical Properties

Feature	Data
Appearance	Viscous amber liquid
Specific Gravity	1.001
Acid Number (mgKOH/g)	21
Viscosity (cst) @ 40C	2,969
@ 100C	232
Viscosity Index	210

#### Packaging

Packaging	Description	Net Wt.
Drums	55 gallon non-returnable	435 lbs
Totes	275 gallon non-returnable	2,175 lbs

#### Registration

USA	TSCA
Canada	DSL
Europe	EINECS

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