



Focus Ester PE 2050

Water-Soluble Non-Foaming Free Acid Phosphate Ester

Product Description

Focus Ester PE 2050 is a water-soluble phosphorous extreme pressure additive. **Focus Ester PE 2050** is a polyalkylene glycol-based phosphate ester that is supplied in its free acid form. It does not need to be neutralized in order to be soluble in water. **Focus Ester PE 2050** has outstanding hydrolytic stability with very low foam levels.

Applications

- Semi-synthetic and synthetic cutting and grinding fluids
- Semi-synthetic and synthetic drawing and stamping fluids
- Treat levels of 0.5% to 8%, depending on the severity of the machining operation

Benefits

- Water soluble without neutralization
- Non-phenolic, hydrolytically stable
- Non-foaming
- Extreme pressure characteristics

Typical Properties

Feature	Data
Appearance	Clear amber liquid
Specific gravity @ 25C	1.088
Acid number (mg KOH/g)	150
% phosphorous	5.0
Falex (0.5% in water with 0.5% TEA)	4500/50

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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