







# **CalEster™** F

CalEster F is a higher viscosity polyol ester made from dipentaerythritol and saturated fatty acids for maximum stability. CalEster F offers the following performance advantages:

CalEster F is suitable for a broad range of lubricant applications where a combination of higher viscosity and a very wide operating temperature capability are desired, including

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- High Oxidative Stability
- High Flash Point
- High Viscosity Index
- Very Low Pour Point

turbine oils, grease, gear oils, and refrigeration lubricants.

- Excellent Lubricity
- Low Volatility
- Miscibility with Refrigerants

CalEctor E

### **PACKAGING AND SHIPPING**

Available in:

- 55 gallon steel drums
- 275 gallon poly totes
- Tank truck & rail car

Shipping Location:

• Lousiana, MO

## **TYPICAL PROPERTIES**

iest	Method	Calester F
Viscosity @ 100°C, cSt	ASTM D445	8.8
Viscosity @ 40°C, cSt	ASTM D445	52
Viscosity @ -40°C, cSt	ASTM D445	37,000
Viscosity Index	ASTM D2270	148
Pour Point, °C	ASTM D97	-60
Flash Point, °C	ASTM D92	283
Color	ASTM D1500	L0.5
Total Acid Number, mgKOH/g	ASTM D664	0.01
Water Content, wt %	ASTM D1533	0.02
Density @ 15.6°C, lb/gal	Conversion	8.43
Noack Volatility, mass%	ASTM D5800	3

#### **HANDLING AND SAFETY**

This product should be stored in sealed containers at ambient temperature.

Read and understand the Safety Data Sheet (SDS) before using this product.

#### **TECHNICAL ASSISTANCE**

For product or technical questions contact your Sales Representative or Calumet Product Support.

Product Support: 1-800-437-3188

www.calumetspecialty.com

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Calumet's sampling and testing procedures in effect at the time of production will be used for certification testing. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. Typical values only represent the values one would expect if the property were tested in our laboratories with our test methods on the specified date. Some product properties are not frequently measured, and accordingly typical values are not based on a statistically relevant number of tests. The information in this document relates only to the named product. The user is solely responsible for all determination regarding