



## 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:

- High Oxidative Stability
- High Flash Point
- High Viscosity Index
- Very Low Pour Point
- Excellent Lubricity
- Low Volatility
- Miscibility with Refrigerants

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

### PACKAGING AND SHIPPING

Available in:

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

Shipping Location:

- Louisiana, MO

### 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](http://www.calumetspecialty.com)

### TYPICAL PROPERTIES

Test	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