



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

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	275
Color	ASTM D1500	L0.5
Total Acid Number, mgKOH/g	ASTM D664	0.02
Water Content, wt %	ASTM D1533	0.02
Density @ 15.6°C, lb/gal	Conversion	8.43
Noack Volatility, mass%	ASTM D5800	3