



CalEster™ A

CalEster A is a low viscosity, highly stable polyol ester made from pentaerythritol and saturated fatty acids. CalEster A offers the following performance advantages:

- High Oxidative Stability
- Low Volatility
- Very Low Pour Point
- Biodegradable
- Miscibility with HFC Refrigerants

CalEster A is suitable for a broad range of lubricant applications where low viscosity, wide temperature capability, and biodegradability are desired, including refrigeration lubricants, turbine oils, air compressor oils, hydraulic fluids, and low temperature grease.

CalEster A also makes an excellent correction fluid for low polarity base oils like PAO and GTL.

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 A
Viscosity @ 100°C, cSt	ASTM D445	4.3
Viscosity @ 40°C, cSt	ASTM D445	20
Viscosity @ -40°C, cSt	ASTM D445	4,400
Viscosity Index	ASTM D2270	123
Pour Point, °C	ASTM D97	-65
Flash Point, °C	ASTM D92	243
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	8.36
Noack Volatility, mass%	ASTM D5800	5