

Product Data Sheet

CALESTER A

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

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

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

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	135
Pour Point, °C	ASTM D97	-65
Flash Point, °C	ASTM D92	243
Color, Pt Co	ASTM D1209	80
Color	ASTM D1500	L0.5
Total Acid Number, mgKOH/g	ASTM D664	0.01
Water Content, wt %	ASTM D1533	0.02
Specific Gravity, 60/60°F	ASTM D4052	1.002
Density, lb/gal @ 15.6°C	Conversion	8.35
Noack Volatility, %	ASTM D5800	5

PACKAGING AND SHIPPING

CalEster A is available in 55 gallon unlined steel drums, 275 gallon one-way poly totes and in tank truck and tank car quantities. Shipping is from Louisiana, Missouri.

HANDLING AND SAFETY

This product should be stored in sealed containers at ambient temperature. Read and understand the Material Safety Data Sheet (MSDS) before using this product.

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