

Product Data Sheet

CALESTER J

CalEster J is a medium viscosity, highly stable polyol ester made from pentaerythritol and linear saturated fatty acids derived from renewable resources. **CalEster J** offers the following performance advantages:

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

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

TYPICAL PROPERTIES*

Test	Method	CalEster J
Viscosity @ 100°C, cSt	ASTM D445	4.9
Viscosity @ 40°C, cSt	ASTM D445	25
Viscosity @ -40°C, cSt	ASTM D445	6,900
Viscosity Index	ASTM D2270	138
Pour Point, °C	ASTM D97	-63
Flash Point, °C	ASTM D92	258
Color, Pt Co	ASTM D1209	120
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	0.994
Density, lb/gal @ 15.6°C	Conversion	8.28
Noack Volatility, %	ASTM D5800	3

PACKAGING AND SHIPPING

CalEster J 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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