



## CalEster™ 32 Pro

CalEster 32 Pro is an ISO 32 pure polyol ester made from pentaerythritol with saturated fatty acids for maximum stability. CalEster 32 Pro offers the following performance advantages:

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

### 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)

CalEster 32 Pro is suitable for a broad range of lubricant applications where an ISO 32 with a wide operating temperature capability is desired including refrigeration lubricants, grease, engine oils, air compressor oils, and hydraulic fluids.

### TYPICAL PROPERTIES

Test	Method	CalEster 32 Pro
Viscosity @ 100°C, cSt	ASTM D445	5.4
Viscosity @ 40°C, cSt	ASTM D445	31
Viscosity @ -40°C, cSt	ASTM D445	25,800
Viscosity Index	ASTM D2270	129
Pour Point, °C	ASTM D97	-57
Flash Point, °C	ASTM D92	270
Color	ASTM D1500	L0.5
Total Acid Number, mgKOH/g	ASTM D664	0.02
Water Content, wt %	ASTM D1533	0.003
Density @ 15.6°C, lb/gal	Conversion	8.28
Noack Volatility, mass%	ASTM D5800	4