



CalEster™ TS

CalEster TS is an ISO 17 pure polyol ester made from trimethylolpropane with saturated fatty acids for maximum stability. CalEster TS offers the following performance advantages:

- High Oxidative Stability
- High Viscosity Index
- High Flash Point
- Excellent Lubricity
- Low Volatility
- Low Pour Point
- Biodegradable
- Renewable Resources

PACKAGING AND SHIPPING

Available in:

- 55 gallon steel drums
- 275 gallon poly totes
- Tank truck & rail car

Shipping Location:

- Louisiana, MO

CalEster TS is suitable for a broad range of lubricant applications where a wide operating temperature capability is desired including turbine oils, gear oils, engine oils, air compressor oils, and hydraulic fluids.

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 TS
Viscosity @ 100°C, cSt	ASTM D445	4.0
Viscosity @ 40°C, cSt	ASTM D445	17
Viscosity @ -40°C, cSt	ASTM D2532	3,300
Viscosity Index	ASTM D2270	133
Pour Point, °C	ASTM D97	-64
Flash Point, °C	ASTM D92	249
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	7.94
Noack Volatility, mass%	ASTM D5800	6