

PE Medium-Chain Esters**Typical Properties**

Appearance@25°C	Clear Light-color Liquid
Color,ASTM D1544,Gardner/D1500	≤ 0.5/1.0
Kinematic Viscosity@40°C,cSt	≥ 21
Kinematic Viscosity@100°C,cSt	4.2 - 4.5
Kinematic Viscosity@-40°C,cSt	4500
Density@25°C,Lb/Gal(kg/L)	7.9 (0.950)
Total Acid Value,mgKOH/g	≤ 0.05
Pour Point,°C(°F)	-50 (-60)
Water Content,ppm	≤ 500
Flash Point,°C(°F)	≥ 232 (450)
Viscosity Index	140

Product Description

Adtec™ 219 is a high quality medium-chained ester of pentaerythritol (PE). It exhibits superior oxidative and thermal stability. It also has excellent low temperature properties and low volatility. **Adtec™ 219** is proven to be biodegradable according to the European 21 days and EPA 28 days biodegradability tests. It is recommended to be used either neat or in combination with polyalphaolefins or hydrocracked/isodewaxed base stocks. **Adtec™ 219** possesses excellent additive compatibility when blended with the above base stocks.

Applications:

Adtec™ 219 has found applications as a base stock for synthetic engine oils and jet engine oils in military, commercial and stationary applications.

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