

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.

Print date: 06-07-25

Disclaimer: Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.