

Supplier -

*Simple Esters
n-Propyl Oleate (NPO)*

Typical Properties

Appearance@25°C	Clear Amber Liquid
Color,ASTM D1544,Gardner/D1500	≤ 3/1.0
Kinematic Viscosity@40°C,cSt	5.5
Density@25°C,Lb/Gal(kg/L)	7.3 (0.870)
Total Acid Value,mgKOH/g	≤ 1.0
Pour Point,°C(°F)	-20 (-4)
Moisture Content,%wt	≤ 0.1
Flash Point C.O.C.,°C(°F)	210 (410)
Saponification Number,mgKOH/g	165 - 180

Product Description

Adtec™ 236 is referred to as NPO that is a simple ester of oleic acid and n-propanol. It is a low-viscosity synthetic ester and offers excellent lubricity, good solvency, and good low-temperature fluidity. **Adtec™ 236** was found biodegradable according to the European 21 days and EPA 28 days biodegradability tests.

Applications:

Adtec™ 236 can be used as a lubricity additive for semi-synthetic and synthetic metalworking fluids for light to medium-duty applications. Its good solvency and low-temperature properties made it possible as a solvent or process oil for industrial use. It is approved for incidental food contact to enable it to be employed as a lubricant for food-related applications. Like other oleyl esters, **Adtec™ 236** is inherently a good candidate as a plasticizer or processing aid for the polymer industry.

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