

Supplier -

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n-Propyl Oleate (NPO)

Typical Properties

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|--------------------------------|--------------------|
| 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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