# PriEco 3009
## Polyol Esters

## Product Description

***PriEco 3009 Polyol Esters*** are API category Group V fluids. They have excellent lower-temperature properties, good lubricating properties and low volatilities for high temperature application.

## Features and Benefits

★ Good biodegradability
★ Excellent low temperature fluidity
★ Very low evaporation rate
★ High flash point and ignition temperature
★ Excellent high temperature and anti-oxidative stability
★ High viscosity index
★ Excellent Lubricity and AW&EP properties
★ Good Stabilities of hydrolysis

## Typical Properties

| Items | Typical Data | Test Methods |
|---|---|---|
| Appearance | Bright & Clear | Visual |
| Density @20℃，g/cm$^3$ | 0.99 | ASTM D1298 |
| Kinematic Visscosity,mm$^2$/s<br>100 ℃<br>40 ℃ | <br>5.0<br>24.5 | ASTM D445 |
| Viscosity Index | 134 | ASTM D2270 |
| Flash Point（COC），℃ | 266 | ASTM D92 |
| Pour Point，℃ | -58 | ASTM D97 |
| Acid Number, mgKOH/g | 0.04 | ASTM D974 |
| ASTM Color | 1 | ASTM D1500 |
| Iodine number, gI/100g | 0.3 | ASTM D5554 |
| Hydroxyl number, mgKOH/g | 2 | ASTM D1957 |

## Application

***PriEco 3009 Polyol Esters*** can be used as sole base stocks or blend stocks with other synthetic fluids in many automotive and industrial lubricant applications. These esters are ideal for use in highly loaded, high-speed lubricant applications where energy efficiency is desired.

★Engine Oils：5-20%
★Compressor Oils：5-100%
★High temperature textile oils：5-100%
★ Gear Oils：5-20%
★ Chain Oils：5-100%
★ Grease：5-10%

Http://www.nacosynthetics.com
**Typical properties: these are not to be construed as specifications.**
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