

PriEco 3000 Polyol Esters

Product Description

PriEco 3000 Polyol Esters are API category Group V fluids. They have excellent lower-temperature properties, good lubricating properties and low volatilities.

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	0.940	ASTM D1298
Kinematic Visscosity,mm ² /s 100 ℃ 40 ℃	4.4 19.5	ASTM D445
Viscosity Index	140	ASTM D2270
Flash Point (COC) , ℃	250	ASTM D92
Pour Point, ℃	-51	ASTM D97
Acid Number, mgKOH/g	0.05	ASTM D974
Water Content ,%	<0.05	ASTM D6304
Noack Volatility , %	3.0	ASTM D972
Biodegradability	90	CEC-L-33-T-82

Application

PriEco 3000 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.

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

[Http://www.nacosynthetics.com](http://www.nacosynthetics.com)

Typical properties: these are not to be construed as specifications.
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