

PriEco 3000

Description:

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

Characteristic:

- ★ 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 performance :

Item	Typical	Test Method
Appearance	Bright & Clear	Visual
Density @20°C, g/cm ³	0.94	ASTM D1298
Kinematic Viscosity, mm ² /s		
100 °C	4.4	ASTM D445
40 °C	19.5	
Viscosity Index	140	ASTM D2270
Flash Point (COC) , °C	250	ASTM D92
Pour Point, °C	- 51	ASTM D97
Acid Number, mgKOH/g	0.05	ASTM D974
ASTM Color	<0.5	ASTM D1500
Noack Volatility, wt%	3.0	ASTM D5800

Typical Properties are obtained with normal production and do not constitute a specification.

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, highspeed 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%