

# Esterex™ P81

## Synthetic Fluid

### Product Description

Esterex™ Phthalate Esters are API category Group V fluids. These esters have excellent low-temperature properties, good lubricating properties and low volatilities. Esterex™ Phthalate Esters can be used as sole basestocks or blendstocks with other synthetic fluids in many automotive and industrial lubricant applications. These esters are ideal for use in air compressor applications, where low viscosity indices are acceptable and low-cost, clean operation is desirable.

Properties	Minimum	Maximum	Unit	Test Method
Specific Gravity <sup>1</sup> (20°C)	0.953	0.959		BRCP 4843
Appearance <sup>1</sup>	Clear, Free of Suspended Matter	--		BRCP 4065
Color, Pt-Co <sup>1</sup>	--	75		BRCP 4273
Kinematic Viscosity <sup>1</sup>				BRCP 4375
100°C	8.0	9.0	cSt	
40°C	81.0	92.0	cSt	
Pour Point <sup>1</sup>	--	-35	°C	BRCP 4377
Flash Point, COC <sup>1</sup>	225	--	°C	BRCP 4366
Water <sup>1</sup>	--	0.10	wt%	BRCP 5053
Odor <sup>1</sup>	Characteristic	--		BRCP 4550
Total Acid Number <sup>1</sup>	--	0.13	mg KOH/g	BRCP 4625
Ester Content <sup>1</sup>	99.5	--	wt%	BRCP 4630

### Notes

<sup>1</sup> Test reported on Certificate of Analysis

For additional technical, sales and order assistance: [www.exxonmobilchemical.com/ContactUs](http://www.exxonmobilchemical.com/ContactUs)

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