

# Synesstic™ 12

## Synthetic Fluid

### Product Description

Synesstic™ Alkylated Naphthalene (AN) represent a unique class of API Group V category fluids. Synesstic™ AN products offer improved hydrolytic, thermal and oxidative stability versus other Group V fluids. Synesstic™ AN products are particularly suited for use as a blendstocks in synthetic lubricant applications that require high stability under extreme operating conditions.

Properties	Minimum	Maximum	Unit	Test Method
Specific Gravity <sup>1</sup> (15.6°C)	Report	--		ASTM D4052
Appearance <sup>1</sup>	Bright & Clear	--		Visual
Color <sup>1</sup>	--	4.0		ASTM D1500
Density <sup>1</sup> (15.6°C)	Report	--	g/ml	
Kinematic Viscosity <sup>1</sup>				ASTM D445
40°C	Report	--	mm <sup>2</sup> /s	
100°C	12.0	14.0	cSt	
Viscosity Index <sup>1</sup>	100	--		ASTM D2270
Pour Point <sup>1</sup>	--	-30	°C	ASTM D5950/D97
Flash Point, COC <sup>1</sup>	230	--	°C	ASTM D92
Bromine Number <sup>1</sup>	--	1.0	g Br/100 g	ASTM D1159 (mod)
Water <sup>1</sup>	--	50	ppm	ASTM E1064
Total Acid Number <sup>1</sup>	--	0.05	mg KOH/g	ASTM D974 (mod)

### Notes

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

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