Ex_xonMobil

PureSyn[™] 65 Hydrogenated Poly(C8/12 Olefin)

Product Description

ExxonMobil PureSyn[™] PAO (polyalphaolefin) and Ester are unique classes of premium fluids whose features set them apart from other fluids such as silicones, mineral oils, petrolatum and polybutene. PureSyn[™] PAO and Ester are bright and clear, high purity, fluids that can be characterized as non-comedogenic and non-irritating. PureSyn[™] PAO are exceptionally stable in high and low pH systems.

General						
Availability ¹	 Africa & Middle East Asia Pacific	• E • L	EuropeLatin America		North America	
Revision Date	• 11/01/2020					
Basics	Typical Value	(English)	Typical Value	(SI)	Test Based On	
Specific Gravity ² (60.0°F (15.6°C))	0.846		0.846		ASTM D4052	
Color ²	< 0.5		< 0.5		ASTM D1500/ D6045	
Kinematic Viscosity ²					ASTM D445	
212°F (100°C)	65	cSt	65	mm²/s		
104°F (40°C)	614	cSt	614	mm²/s		
Flash Point, COC ²	531	°F	277	°C	ASTM D92	
Refractive Index ² (77°F (25°C))	1.4659		1.4659		ASTM D1218	
Total Acid Number ²	< 0.10	mg KOH/g	< 0.10	mg KOH/g	ASTM D974	
Flow	Tue isol Value	(Feelich)	The ideal Melium		Test Deced On	
Propletiald Missocity (77%E (2E%C))		(English)	Typical Value	(SI)		
BIOOKITEID VISCOSILY (77 F (25 C))	1270	CP dvpa/cm	24.1	dvoo/cm	ASTN D2905	
Surface relision (75 F (24 C))	20.1	uyne/cm	20.1	uyne/cm	ASTIVIDISSIA	
Solubility	Typical Value	(English)	Typical Value	(SI)	Test Based On	
Solubility Parameter ³	8.32	√(cal/cm³)	8.32	√(cal/cm³)	Calculated	

Legal Statement

For detailed Product Stewardship information, please contact Customer Service.

Notes

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

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

² Single sample or two sample average determination

³ Calculated Solubility Parameter

For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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