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## Certificate of Conformance

**Product:** XP-40  
**Specifications:** WSS-M99P32-C (2015), Engine

Property	UOM	Standard requirement	XP-40	Status
Weight (FLTM BN 106-01)	kg/m <sup>3</sup>	As specified on engineering drawing	64	N/A
Odor (FLTM BO 131-03)		Rating 3 max	Condition 1: 3 Condition 2: 4.5 Condition 3: 5.5	Pass Dev. req.* Dev. req.
Fogging (SAE J1756)		Fog number 70 min	66	Dev. req.
Resistance to mildew		No mildew	No mildew	Pass
Short term heat, humidity and cold		No objectionable appearance	No objectionable appearance	Pass
Long term heat exposure		No objectionable appearance	No objectionable appearance	Pass
Tensile strength Original After humidity aging After long term heat exposure After immersion in water	N/cm <sup>2</sup> % % %	10 min -30% change max -30% change max -30% change max	59.8 -1 +5 +20	Pass
Compression and recovery (SAE J1352)	%	Max 70 compression Min 65 recovery	Compression: 2.7 Recovery: 68.9	Pass
Compression set (ASTM D3574)	%	50 max	48	Pass
Tear strength (ASTM D3574)	N/m	250 min	855	Pass
Resistance of insulators to various test reagents (ASTM D896)		No tackiness	No tackiness	Pass
Short term resistance to fuels (ASTM D896)		No tackiness	No tackiness	Pass
Moisture absorption	%	30 max	0.1	Pass
Low temperature flexibility (FLTM BN 102-01)		No cracking	No cracking	Pass
Flammability (SAE J369) (at 6.35mm thickness)	mm/min	Self extinguishing	45	Dev. req.
Corrosiveness to steel (SAE J1389)		Rating 4 min	7	Pass

\*Dev. req.: Deviation required.

**Steven Sun**

Steven Sun / Laboratory Manager  
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