

CUSTOMER: **PRECIX**LAB RPT. #: **111815**DATE: **11/24/2009**SPEC./DWG #: **AMS 7379**REV.: **2008-07**PART #: **N/A**APCO: **N/A**COMPOUND: **F-13809 (F103)**LOT #: **Lab Mix**

PRECIX - TEST REPORT

TYPE OF TEST	TEST METHOD	SPEC.	ACTUAL	PASS Y/N	TYPE OF TEST	TEST METHOD	SPEC.	ACTUAL	PASS Y/N
Original Properties					Fluid Immersion Properties				
Hardness, Shore A, Min., Pts.	D-2240	75±5	75	Y	Fuel B				
Tensile Strength, PSI, Min.	D-1414	1300	1979	Y	70 hrs. at 23°C				
Elongation, %, Min.	D-1414	120	175	Y	Duro Change, Shore A, pts	D-471	-10	-6	Y
Specific Gravity, g/cc	D-297	Report	1.87	Y	Tensile Change, Min.		-35	-16	Y
					Elongation Change, Min.		-20	-5	Y
Fluid Immersion Properties					Volume Change, %		1 to +10	+3	Y
Mil-H-83282									
70 hrs. at 275°F					Fluid Immersion Properties				
Duro Change, Shore A, pts	D-471	-7	-5	Y	Reference Oil 300				
Tensile Change, Min.		-25	-7	Y	70 hrs. at 392°F				
Elongation Change, Min.		-15	+3	Y	Duro Change, Shore A, pts	D-471	-10	-8	Y
Volume Change, %		+6	+2	Y	Tensile Change, Min.		-30	-10	Y
					Elongation Change, Min.		-20	+0.6	Y
Compression Set Properties					Volume Change, %		0 to +10	+6	Y
Mil-H-83282									
70 hrs. at 275°F					Compression Set Properties				
% Original Deflection, Method B	D-395	20	6	Y	Reference Oil 300				
Mil-H-83282					70 hrs. at 392°F				
336 hrs. at 275°F					% Original Deflection, Method B	D-395	25	16	Y
% Original Deflection, Method B	D-395	35	10	Y	Reference Oil 300				
					336 hrs. at 392°F				
Heat Aging Properties					% Original Deflection, Method B	D-395	55	21	Y
70 hrs. at 518°F									
Duro Change, Shore A, pts	D-573	-10 to +5	+3	Y					
Tensile Change, Min.		-45	-42	Y					
Elongation Change, Min.		-10	+34	Y					
Weight Loss, Max.		10	-5	Y					

NOTES/COMMENTS:

Any changes/updates to the lab report will be denoted by a double asterisk (**), along with an updated report/signature date.

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BY AUTHORIZED AGENT: Jim Levasseur, Senior Chemist 1 1/24/09

(Name, Title, Date)

APPROVAL TO SUBMIT FOR PPAP: Jim Levasseur, Senior Chemist 1 1/24/09

(Name, Title, Date)

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