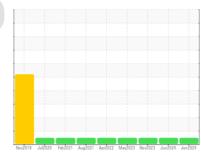


COOLANT REPORT

Power Generation V837200 STANDBY POWER GENERATION 600V PACKAGE

Coolant

EXTENDED LIFE COOLANT (113 LTR)



Sample Rating Trend



DIAGNOSIS	
Recommendation	

The fluid is suitable for further service. Resample at the next service interval to monitor.

Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

Contaminants

There is no indication of any contamination in the coolant.

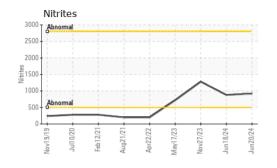
Coolant Condition

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

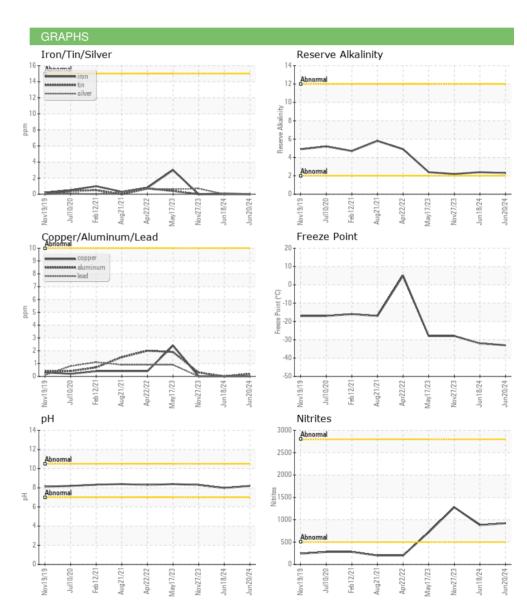
Sample Number Client Info PP14005838 PC14006128 PP139 Sample Date Client Info 20 Jun 2024 18 Jun 2024 27 Nov			11012010	LOLO TOOLOLT TOUGHT	TOTAL MAYERS TOTAL OF THE STATE	er outcour		
Client Info	SAMPLE INFORM	NOITAN	method	limit/base	current	history1	history2	
Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A N/A Sample Status NORMAL NORMAL NORMAL NORMAL NORMAL PHYSICAL TEST RESULTS method limit/base current history1 his Glycol Type FT-IR UNK	Sample Number		Client Info		PP14005838	PC14006128	PP13937458	
Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A N/A Sample Status Normal Info N/A N/A N/A N/A PHYSICAL TEST RESULTS method limit/base current history1	Sample Date		Client Info		20 Jun 2024	18 Jun 2024	27 Nov 2023	
Oil Changed Sample Status Client Info N/A N/B Solution ppm ASTM D5185(m) 1064 1.063 1.06 1.06 1.063 1.06 1.063 1.06 1.063 1.06 1.06 1.063 1.06 1.06 1.063 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.06 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	Machine Age	hrs	Client Info		0	0	0	
Sample Status	Oil Age	hrs	Client Info		0	0	0	
PHYSICAL TEST RESULTS method limit/base current history1 history1 history1 history1 physical part physical	Oil Changed		Client Info		N/A	N/A	N/A	
Correction Cor	Sample Status				NORMAL	NORMAL	NORMAL	
Specific Gravity	PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2	
pH Scale 0-14 ASTM D1287* 9.0 8.20 7.98 8.30 Nitrites ppm Alcan Test Kit* 920 880 128 Reserve Alkalinity Scale 0-20 ASTM D1121* 2.3 2.4 2.2 Percentage Glycol % ASTM D3321* 50 47.7 46.8 47.7 Freezing Point °C ASTM D3321* -40 -33 -32 -28 Carboxylate CORROSION INHIBITORS method limit/base current history1 his Silicon ppm ASTM D5185(m) 29 27 16 Phosphorus ppm ASTM D5185(m) 10 8 7 Boron ppm ASTM D5185(m) 162 155 142 CORROSION method limit/base current history1 his Iron ppm ASTM D5185(m) >15 0 <1 0 Aluminum ppm ASTM D5185(m) >10 0	Glycol Type		FT-IR		UNK	UNK		
Nitrites	Specific Gravity		ASTM D1298*		1.064	1.063	1.064	
Reserve Alkalinity	рН	Scale 0-14	ASTM D1287*	9.0	8.20	7.98	8.30	
Percentage Glycol % ASTM D3321* 50 47.7 46.8 47.7	Nitrites	ppm	Alcan Test Kit*		920	880	1280	
Freezing Point °C ASTM D3321* -40 -33 -32 -28	Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.3	2.4	2.2	
Carboxylate CORROSION INHIBITORS method limit/base current history1 his Silicon ppm ASTM D5185(m) 29 27 16 Phosphorus ppm ASTM D5185(m) 10 8 7 Boron ppm ASTM D5185(m) 68 64 57 Molybdenum ppm ASTM D5185(m) 162 155 142 CORROSION method limit/base current history1 his Iron ppm ASTM D5185(m) >15 0 <1	Percentage Glycol	%	ASTM D3321*	50	47.7	46.8	47.7	
CORROSION INHIBITORS method limit/base current history1 history2 number of part	Freezing Point	°C	ASTM D3321*	-40	-33	-32	-28	
Silicon ppm ASTM D5185(m) 29 27 16 Phosphorus ppm ASTM D5185(m) 10 8 7 Boron ppm ASTM D5185(m) 68 64 57 Molybdenum ppm ASTM D5185(m) 162 155 142 CORROSION method limit/base current history1 hist	Carboxylate							
Phosphorus ppm ASTM D5185(m) 10 8 7 Boron ppm ASTM D5185(m) 68 64 57 Molybdenum ppm ASTM D5185(m) 162 155 142 CORROSION method limit/base current history1 history1 Iron ppm ASTM D5185(m) >15 0 <1 0 Aluminum ppm ASTM D5185(m) >10 <1 0 <1 Copper ppm ASTM D5185(m) >10 0 0 0 Lead ppm ASTM D5185(m) >10 0 0 0 Tin ppm ASTM D5185(m) >10 0 0 <1 Silver ppm ASTM D5185(m) >10 0 0 <1 Zinc ppm ASTM D5185(m) 3910 3697 4978 Sodium ppm ASTM D5185(m) 4351 4285 6308 <td colsp<="" th=""><th>CORROSION INH</th><th>IBITORS</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></td>	<th>CORROSION INH</th> <th>IBITORS</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Boron	Silicon	ppm	ASTM D5185(m)		29	27	16	
Molybdenum ppm ASTM D5185(m) 162 155 142 CORROSION method limit/base current history1 his Iron ppm ASTM D5185(m) >15 0 <1 0 Aluminum ppm ASTM D5185(m) >10 <1 0 <1 Copper ppm ASTM D5185(m) >10 0 0 0 Lead ppm ASTM D5185(m) >10 0 0 0 Tin ppm ASTM D5185(m) >10 0 0 0 Silver ppm ASTM D5185(m) >10 0 0 <1 Zinc ppm ASTM D5185(m) 2 2 2 0 CARRIER SALTS method limit/base current history1 his Sodium ppm ASTM D5185(m) 3910 3697 4979 Potassium ppm ASTM D5185(m) >100 6 5 5	Phosphorus	ppm	ASTM D5185(m)		10	8	7	
CORROSION method limit/base current history1 his Iron ppm ASTM D5185(m) >15 0 <1	Boron	ppm	ASTM D5185(m)		68			
Iron ppm ASTM D5185(m) >15 0 <1	Molybdenum	ppm	ASTM D5185(m)		162	155	142	
Aluminum ppm ASTM D5185(m) >10 <1	CORROSION		method	limit/base	current	history1	history2	
Copper ppm ASTM D5185(m) >10 0 0 0 Lead ppm ASTM D5185(m) >10 0 0 0 Tin ppm ASTM D5185(m) >10 0 0 0 Silver ppm ASTM D5185(m) >10 0 0 <1 Zinc ppm ASTM D5185(m) 2 2 2 0 CARRIER SALTS method limit/base current history1 his Sodium ppm ASTM D5185(m) 3910 3697 497: Potassium ppm ASTM D5185(m) 4351 4285 630: SCALE POTENTIAL method limit/base current history1 his Calcium ppm ASTM D5185(m) >100 6 5 5 Magnesium ppm ASTM D5185(m) >40 4 4 2	Iron	ppm	ASTM D5185(m)	>15	0	<1	0	
Lead ppm ASTM D5185(m) >10 0 0 0 Tin ppm ASTM D5185(m) >10 0 0 0 Silver ppm ASTM D5185(m) >10 0 0 <1 Zinc ppm ASTM D5185(m) 2 2 2 0 CARRIER SALTS method limit/base current history1 his Sodium ppm ASTM D5185(m) 3910 3697 4978 Potassium ppm ASTM D5185(m) 4351 4285 6308 SCALE POTENTIAL method limit/base current history1 his Calcium ppm ASTM D5185(m) >100 6 5 5 Magnesium ppm ASTM D5185(m) >40 4 4 2	Aluminum	ppm	ASTM D5185(m)	>10	<1	0	<1	
Tin ppm ASTM D5185(m) >10 0 0 0 Silver ppm ASTM D5185(m) >10 0 0 <1	Copper	ppm	ASTM D5185(m)	>10	0	0	0	
Silver ppm ASTM D5185(m) >10 0 0 <1	Lead	ppm	ASTM D5185(m)	>10	0	0	0	
Zinc ppm ASTM D5185(m) 2 2 0 CARRIER SALTS method limit/base current history1 his Sodium ppm ASTM D5185(m) 3910 3697 4978 Potassium ppm ASTM D5185(m) 4351 4285 6308 SCALE POTENTIAL method limit/base current history1 his Calcium ppm ASTM D5185(m) >100 6 5 5 Magnesium ppm ASTM D5185(m) >40 4 4 2	Tin	ppm	ASTM D5185(m)	>10	0	-	0	
CARRIER SALTS method limit/base current history1 his Sodium ppm ASTM D5185(m) 3910 3697 4978 Potassium ppm ASTM D5185(m) 4351 4285 6308 SCALE POTENTIAL method limit/base current history1 his Calcium ppm ASTM D5185(m) >100 6 5 5 Magnesium ppm ASTM D5185(m) >40 4 4 2	Silver	ppm	ASTM D5185(m)	>10	0	0	<1	
Sodium ppm ASTM D5185(m) 3910 3697 4978 Potassium ppm ASTM D5185(m) 4351 4285 6308 SCALE POTENTIAL method limit/base current history1 his Calcium ppm ASTM D5185(m) >100 6 5 5 Magnesium ppm ASTM D5185(m) >40 4 4 2	Zinc	ppm	ASTM D5185(m)		2	2	0	
Potassium ppm ASTM D5185(m) 4351 4285 6308 SCALE POTENTIAL method limit/base current history1 his Calcium ppm ASTM D5185(m) >100 6 5 5 Magnesium ppm ASTM D5185(m) >40 4 4 2	CARRIER SALTS		method	limit/base	current	history1	history2	
SCALE POTENTIAL method limit/base current history1 his Calcium ppm ASTM D5185(m) >100 6 5 5 Magnesium ppm ASTM D5185(m) >40 4 4 2	Sodium	ppm	ASTM D5185(m)		3910	3697	4975	
Calcium ppm ASTM D5185(m) >100 6 5 5 Magnesium ppm ASTM D5185(m) >40 4 4 2	Potassium	ppm	ASTM D5185(m)		4351	4285	6305	
Magnesium ppm ASTM D5185(m) >40 4 4 2	SCALE POTENTI	AL	method	limit/base	current	history1	history2	
Plant in the second of the sec	Calcium	ppm	ASTM D5185(m)	>100	6	5	5	
Hardness mgl CaCC3 In-house* <75	Magnesium	ppm	ASTM D5185(m)	>40	4	4	2	
	Hardness	mg/L CaCO3	In-house*	<75	33	28	21	



COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*	Orange/R	Red	Red	Red
Coolant Appearance	Visual*	Clear	Clear	Clear	Clear
Color					
Bottom					





CALA ISO 17025:2017 Accredited Laboratory

Report Id: EXXSTJ [WCAMIS] 02647956 (Generated: 07/16/2024 12:52:08) Rev: 1

Laboratory Sample No.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : PP14005838 Lab Number : 02647956 Unique Number : 5813508

Test Package : COOL (Additional Tests: GlycolType)

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Received **Tested** Diagnosed

: 15 Jul 2024 : 16 Jul 2024

: 16 Jul 2024 - Kevin Marson

ExxonMobil Canada East Ltd. Hebron-Materials and Repair Coordin, Suite 1000, 100 New Gow St. John's, NL CA A1C 6K3

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