



# COOLANT REPORT

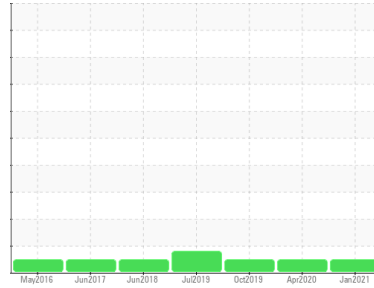
Sample Rating Trend

**NORMAL**



Area  
**APTUM [121582]**  
Machine Id  
**25373909 GEN 1**

Component  
**Coolant**  
Fluid  
**FLEETGUARD ES COMPLEAT (--- GAL)**



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Corrosion

All component wear rates are normal.

### Contaminants

There is no indication of any contamination in the coolant.

### Coolant Condition

The condition of the coolant is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history 1	history 2
Sample Number				<b>CU0016512</b>	CU0015305	CU0014421
Sample Date				<b>13 Jan 2021</b>	16 Apr 2020	09 Oct 2019
Machine Age	hrs			<b>284</b>	271	262
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history 1	history 2
Specific Gravity		ASTM D1298	1.07	<b>1.069</b>	1.070	1.069
pH	Scale 0-14	ASTM D1287	10.5	<b>9.49</b>	9.04	9.33
Nitrites	ppm	Alcan Test Kit		<b>1400</b>	1840	1600
Reserve Alkalinity	Scale 0-20	ASMT D1121	5.0	<b>7.1</b>	6.8	6.9
Percentage Glycol	%	ASTM D3321		<b>51.0</b>	52.0	51.0
Freezing Point	°C	ASTM D3321	-37	<b>-39</b>	-40	-39
Carboxylate				<b>---</b>	---	---

CORROSION INHIBITORS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185(m)		<b>49</b>	66	46
Phosphorus	ppm	ASTM D5185(m)		<b>1030</b>	1164	998
Boron	ppm	ASTM D5185(m)		<b>309</b>	327	290
Molybdenum	ppm	ASTM D5185(m)		<b>465</b>	501	443

CORROSION		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	8	0
Aluminum	ppm	ASTM D5185(m)	>10	<b>2</b>	4	4
Copper	ppm	ASTM D5185(m)	>10	<b>1</b>	2	1
Lead	ppm	ASTM D5185(m)	>10	<b>2</b>	2	<1
Tin	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	4	0
Silver	ppm	ASTM D5185(m)	>10	<b>0</b>	4	0
Zinc	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0

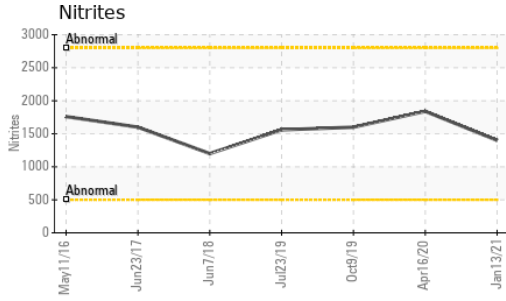
CARRIER SALTS		method	limit/base	current	history 1	history 2
Sodium	ppm	ASTM D5185(m)		<b>1407</b>	1312	1222
Potassium	ppm	ASTM D5185(m)		<b>3983</b>	4050	3408

SCALE PONTENTIAL		method	limit/base	current	history 1	history 2
Calcium	ppm	ASTM D5185(m)		<b>&lt;1</b>	18	<1
Magnesium	ppm	ASTM D5185(m)		<b>&lt;1</b>	1	<1

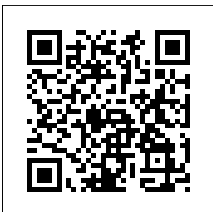
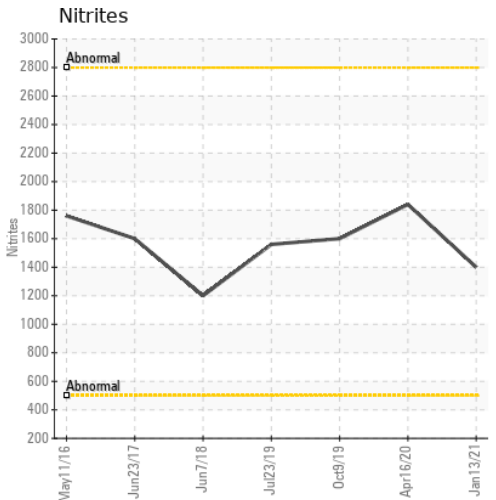
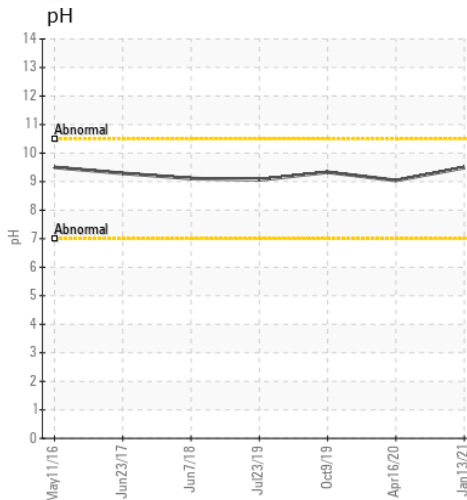
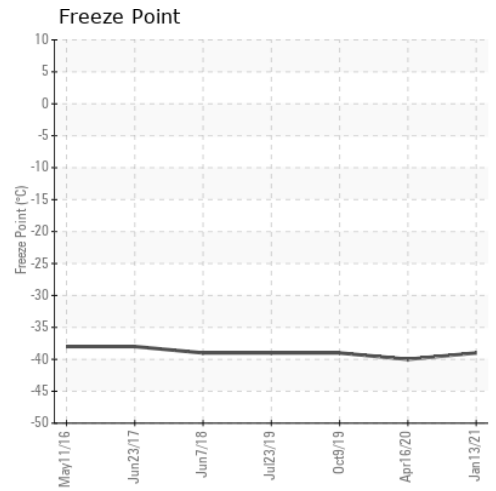
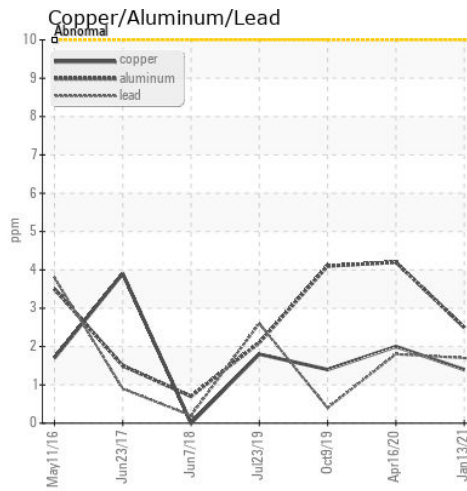
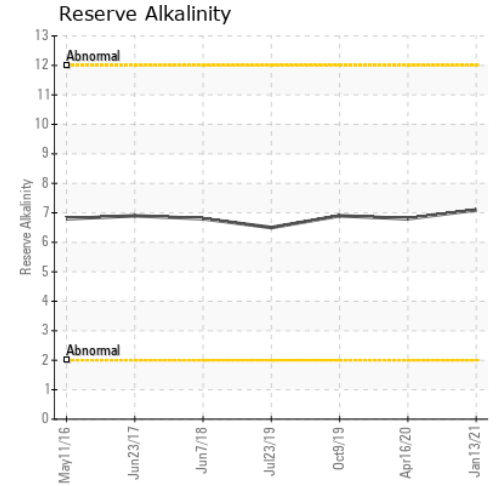
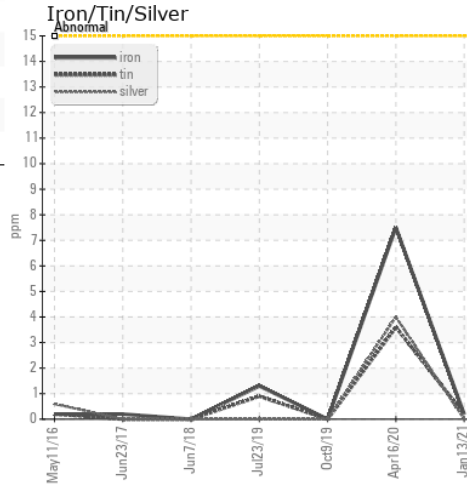
VISUAL		method	limit/base	current	history 1	history 2
Coolant Color	Visual	Blue		<b>Green</b>	Blue	Green
Coolant Appearance	Visual	Clear		<b>Clear</b>	Clear	Clear
Color						
Bottom						



# COOLANT REPORT



## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC1234567  
**Lab Number** : 01234567  
**Unique Number** : 12345678  
**Test Package** : COOL  
**Received** : 21 Jan 2021  
**Diagnosed** : 21 Jan 2021  
**Diagnostician** : Wes Davis

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 (m) Denotes a modified test method, (e) Denotes a test conducted using an external laboratory.

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