



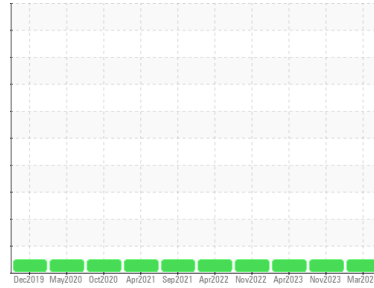
# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**Grand Blanc CAT 1 GBLM01BE**  
 Component  
**Auxiliary Circuit Coolant**  
 Fluid  
**CHEVRON HEAVY DUTY PF COOLANT (--- GAL)**



## DIAGNOSIS

### Recommendation

The fluid is suitable for further service. ( Customer Sample Comment: Post Major overhaul coolant sample )

### 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

Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0905727</b>	WC0870100	WC0795374
Sample Date	Client Info		<b>19 Mar 2024</b>	03 Nov 2023	05 Apr 2023
Machine Age	hrs	Client Info	<b>7276</b>	82521	77887
Oil Age	hrs	Client Info	<b>130</b>	15487	10853
Oil Changed	Client Info		<b>Not Chngd</b>	N/A	N/A
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		<b>1.067</b>	1.067	1.067
pH	Scale 0-14	ASTM D1287 10.5	<b>8.89</b>	9.46	9.50
Nitrites	ppm	AP-053:2009 >800	<b>1276</b>	1164	1312
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	<b>50.0</b>	49.6	49.5
Freezing Point	°F	ASTM D3321 -37	<b>-35</b>	-33	-33
Total Dissolved Solids			<b>268.0</b>	248.5	243.5
Carboxylate			<b>n/a</b>	n/a	fail

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	<b>101</b>	24	95
Phosphorus	ppm	ASTM D6130 0	<b>12</b>	4	17
Boron	ppm	ASTM D6130	<b>352</b>	322	600
Molybdenum	ppm	ASTM D6130	<b>226</b>	192	348

## CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130 >15	<b>1</b>	0	<1
Aluminum	ppm	ASTM D6130 >10	<b>1</b>	0	0
Copper	ppm	ASTM D6130 >10	<b>1</b>	<1	<1
Lead	ppm	ASTM D6130 >10	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D6130 >10	<b>0</b>	1	0
Zinc	ppm	ASTM D6130	<b>&lt;1</b>	0	0

## CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	<b>5</b>	7	20

## CARRIER SALTS

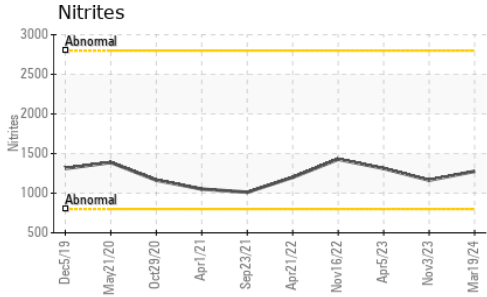
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	<b>2223</b>	1949	3126
Potassium	ppm	ASTM D6130	<b>46</b>	21	101







## SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	<b>3</b>	2	1
Magnesium	ppm	ASTM D6130	<b>0</b>	1	0

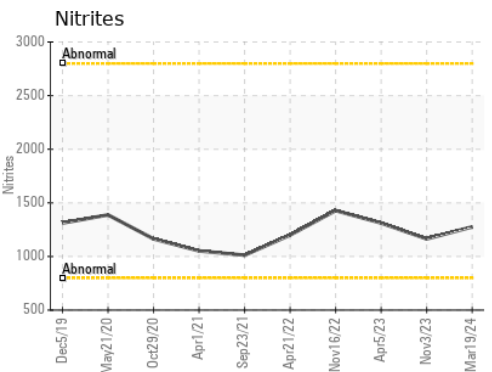
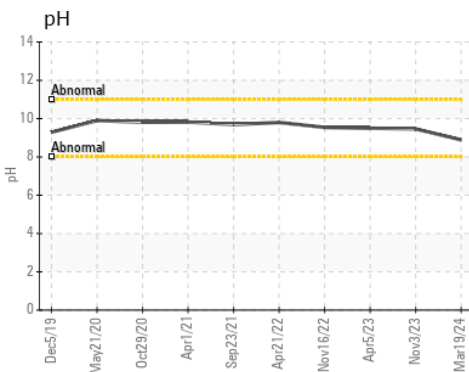
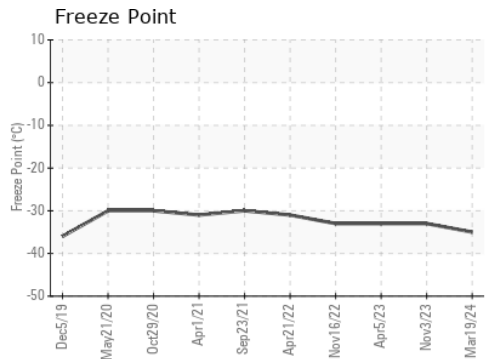
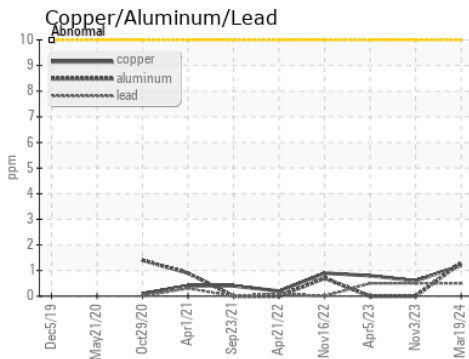
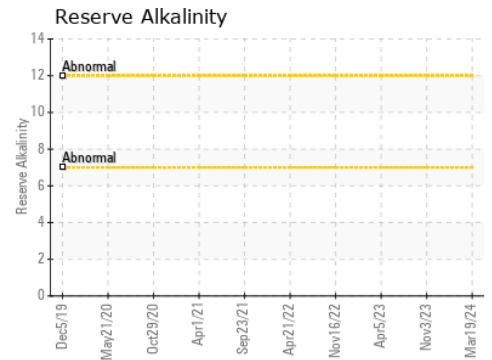
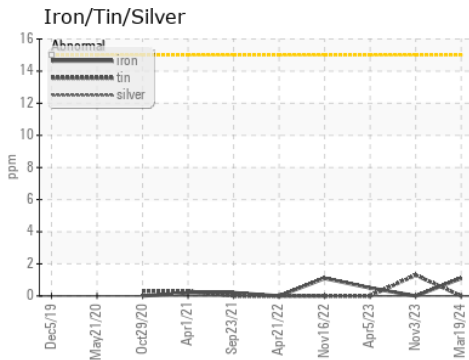


# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual	Grn/Prpl	<b>Pink</b>	Pink	Pink
Coolant Appearance	*Visual	Clear	<b>normal</b>	normal	normal
Color					
Bottom					

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0905727 **Received** : 21 Mar 2024  
**Lab Number** : 06125319 **Tested** : 28 Mar 2024  
**Unique Number** : 10939470 **Diagnosed** : 28 Mar 2024 - Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType, ICP )

**EDL NA Recips-Grand Blanc**  
 Grand Blanc Powerstation, 2361 West Grand Blanc Road  
 Grand Blanc, MI  
 US 48439  
 Contact: Tony Saint Marie  
 tony.saintmarie@edlenergy.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.  
 \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.  
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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