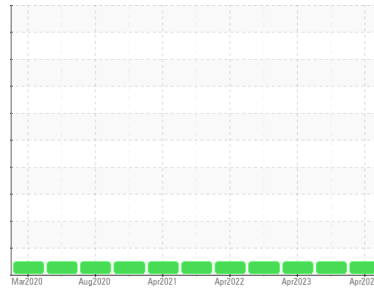




COOLANT REPORT

Machine Id
Grand Blanc CAT 2 GBLM02BE
 Component
Auxiliary Circuit Coolant
 Fluid
CHEVRON HEAVY DUTY PF COOLANT (--- GAL)

Sample Rating Trend



NORMAL



DIAGNOSIS

Recommendation

The fluid is suitable for further service. (Customer Sample Comment: Aux sample. First after change.)

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		WC0905658	WC0870102	WC0795376
Sample Date	Client Info		04 Apr 2024	03 Nov 2023	05 Apr 2023
Machine Age	hrs	Client Info	12061	8635	3813
Oil Age	hrs	Client Info	12061	8635	3813
Oil Changed	Client Info		Changed	Changed	N/A
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.067	1.067	1.067
pH	Scale 0-14	ASTM D1287 10.5	9.31	9.22	9.37
Nitrites	ppm	AP-053:2009 >800	1464	1352	1428
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	49.9	50.0	49.7
Freezing Point	°F	ASTM D3321 -37	-33	-35	-33
Total Dissolved Solids			295.0	229.5	233.5
Carboxylate			n/a	n/a	fail

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	42	41	93
Phosphorus	ppm	ASTM D6130 0	14	5	17
Boron	ppm	ASTM D6130	357	332	592
Molybdenum	ppm	ASTM D6130	225	210	359

CORROSION

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

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	0	7	23

CARRIER SALTS

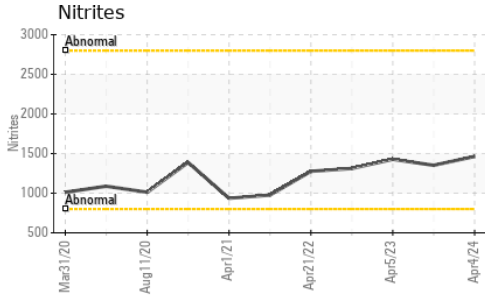
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	2140	1985	3162
Potassium	ppm	ASTM D6130	51	34	139

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	4	5	6
Magnesium	ppm	ASTM D6130	0	1	<1

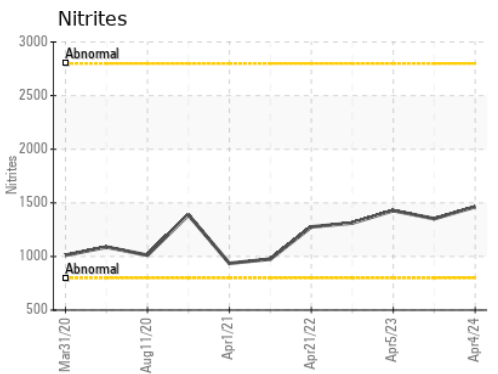
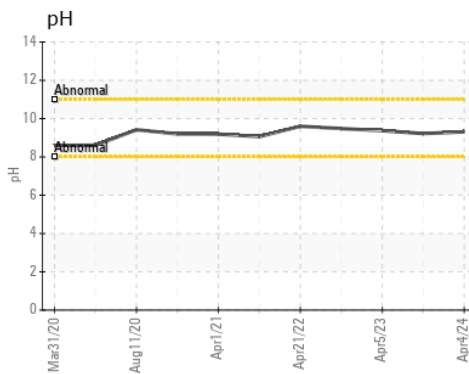
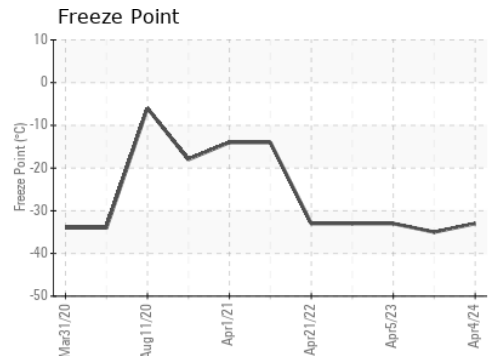
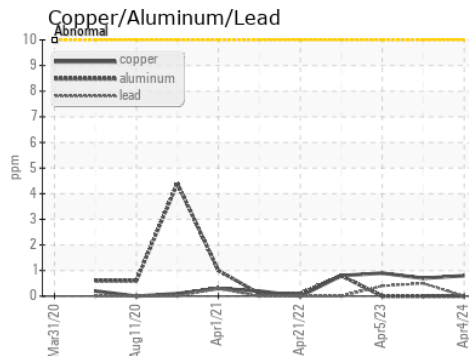
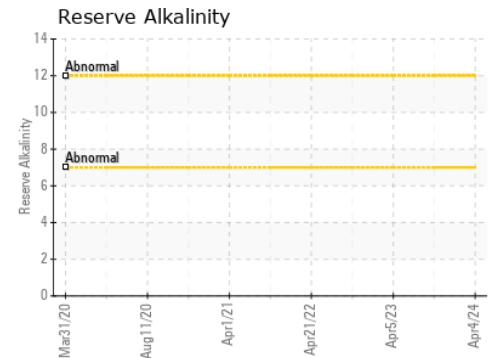
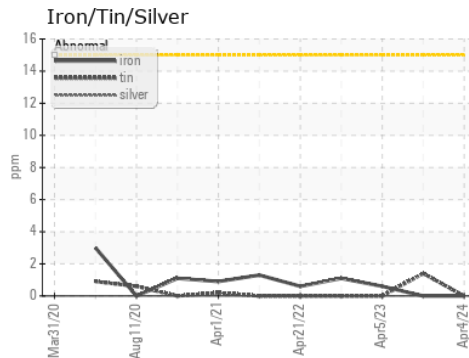


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WC0905658

Lab Number : 06144800

Unique Number : 10969608

Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

Received : 10 Apr 2024

Tested : 19 Apr 2024

Diagnosed : 19 Apr 2024 - Jonathan Hester

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

T:

F:

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)