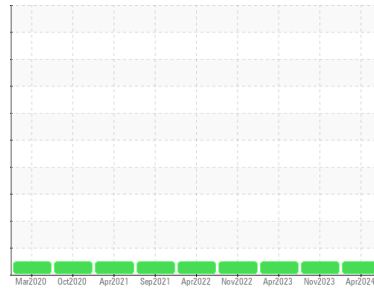




COOLANT REPORT

Machine Id
Grand Blanc CAT 4 GBLM04BE
 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: 4 Aux sample 6mo)

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		WC0905662	WC0870106	WC0795336
Sample Date	Client Info		04 Apr 2024	06 Nov 2023	05 Apr 2023
Machine Age	hrs	Client Info	68772	65347	60443
Oil Age	hrs	Client Info	13342	9917	5013
Oil Changed		Client Info	N/A	Not Changd	N/A
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.065	1.067	1.066
pH	Scale 0-14	ASTM D1287 10.5	9.27	9.20	9.31
Nitrites	ppm	AP-053:2009 >800	1428	1388	1312
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	48.7	49.3	49.1
Freezing Point	°F	ASTM D3321 -37	-31	-33	-33
Total Dissolved Solids			239.5	218.0	223.0
Carboxylate			n/a	n/a	fail

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	47	41	108
Phosphorus	ppm	ASTM D6130 0	16	8	23
Boron	ppm	ASTM D6130	333	277	522
Molybdenum	ppm	ASTM D6130	145	120	199

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130 >15	<1	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	8	24

CARRIER SALTS

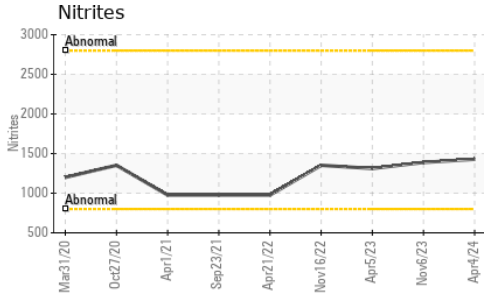
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	2103	1725	2971
Potassium	ppm	ASTM D6130	44	37	111

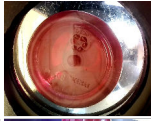
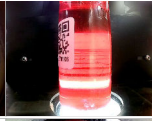



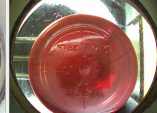
SCALE POTENTIAL

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

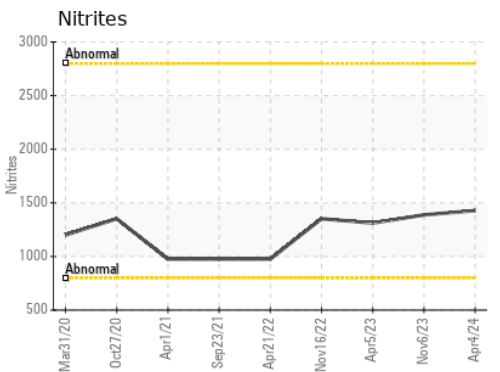
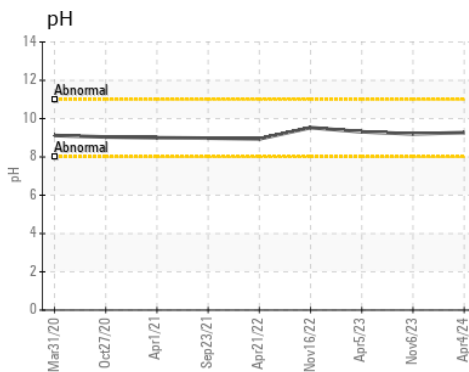
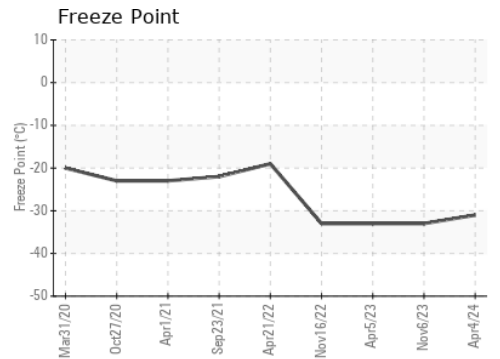
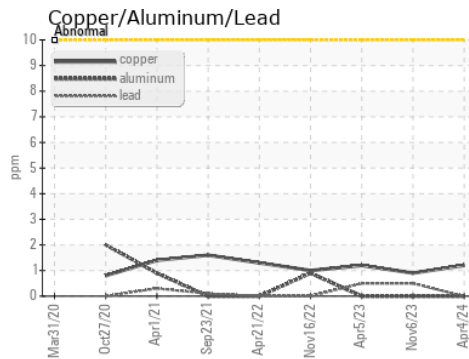
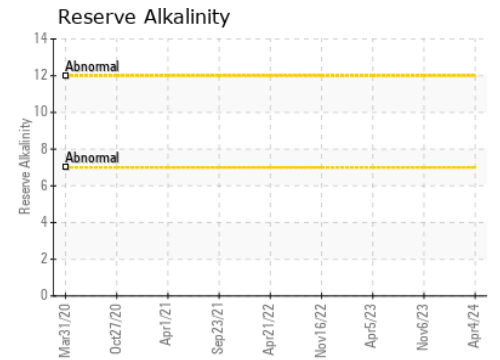
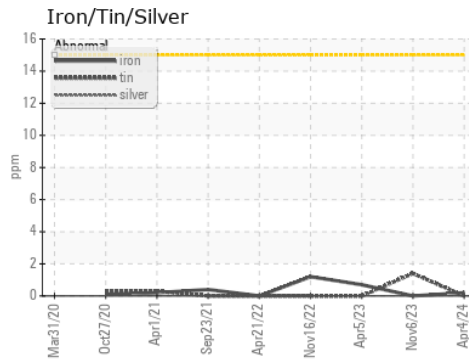


COOLANT REPORT



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. : WC0905662
Lab Number : 06144802
Unique Number : 10969610
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

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)