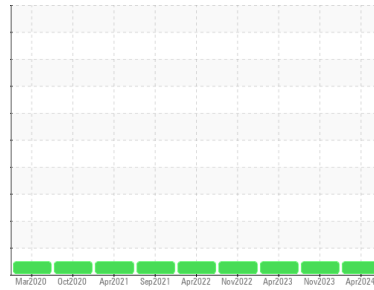




COOLANT REPORT

Sample Rating Trend



NORMAL



Machine Id
Grand Blanc CAT 3 GBLM03BE
 Component
Jacket Water Coolant
 Fluid
CHEVRON HEAVY DUTY PF COOLANT (--- GAL)

DIAGNOSIS

Recommendation

The fluid is suitable for further service. (Customer Sample Comment: J/W sample 6 mo)

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		WC0905661	WC0870105	WC0795335
Sample Date	Client Info		04 Apr 2024	06 Nov 2023	05 Apr 2023
Machine Age	hrs	Client Info	82727	79448	75433
Oil Age	hrs	Client Info	14762	11483	7468
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		1.069	1.070	1.071
pH	Scale 0-14	ASTM D1287 10.5	8.55	8.30	8.56
Nitrites	ppm	AP-053:2009 >800	864	748	900
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	51.8	52.3	53.0
Freezing Point	°F	ASTM D3321 -37	-38	-40	-43
Total Dissolved Solids			254.0	213.0	240.0
Carboxylate			fail	n/a	fail

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	57	53	100
Phosphorus	ppm	ASTM D6130 0	4	9	19
Boron	ppm	ASTM D6130	373	336	603
Molybdenum	ppm	ASTM D6130	207	205	373

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	2	2	2
Lead	ppm	ASTM D6130 >10	0	<1	<1
Tin	ppm	ASTM D6130 >10	0	2	0
Zinc	ppm	ASTM D6130	0	0	0

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	0	8	22

CARRIER SALTS

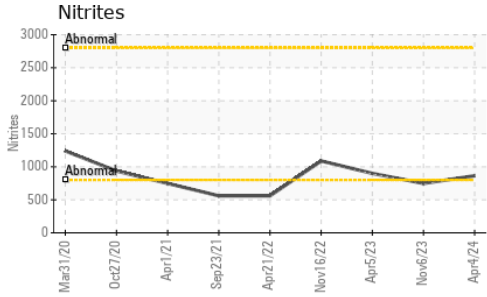
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	2243	2028	3235
Potassium	ppm	ASTM D6130	43	54	137

SCALE POTENTIAL

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

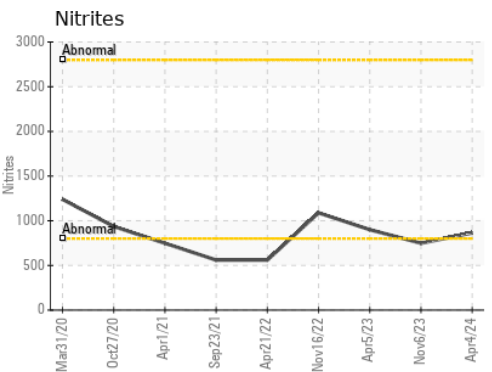
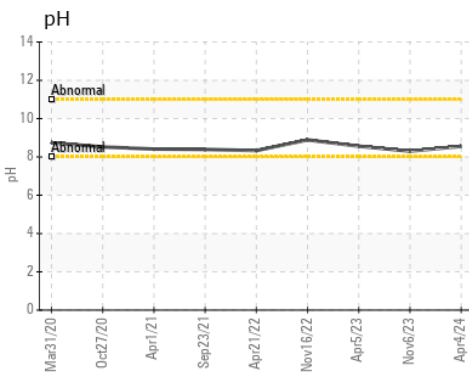
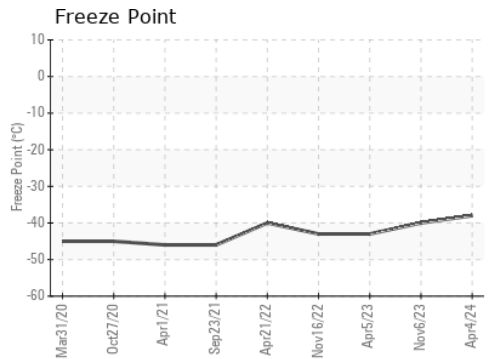
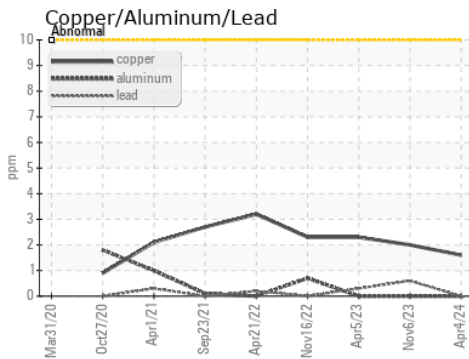
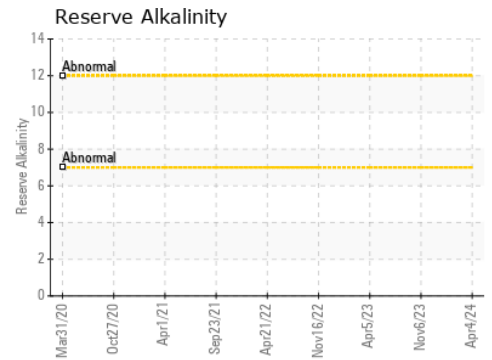
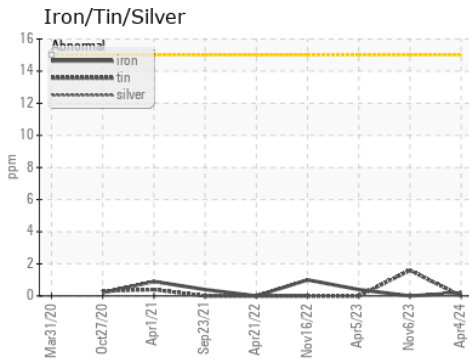


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0905661 **Received** : 11 Apr 2024
Lab Number : 06146297 **Tested** : 16 Apr 2024
Unique Number : 10976375 **Diagnosed** : 16 Apr 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 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)