

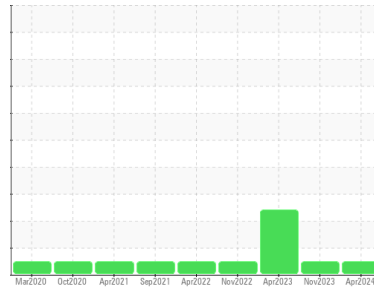


COOLANT REPORT



Machine Id
Grand Blanc CAT 7 GBLM07BE
 Component
Jacket Water Coolant
 Fluid
CHEVRON HEAVY DUTY PF COOLANT (--- GAL)

Sample Rating Trend



NORMAL



DIAGNOSIS

Recommendation

The fluid is suitable for further service. (Customer Sample Comment: 7 jw coolant 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		WC0905669	WC0870123	WC0795332
Sample Date	Client Info		04 Apr 2024	06 Nov 2023	06 Apr 2023
Machine Age	hrs	Client Info	129829	126342	0
Oil Age	hrs	Client Info	2758	15385	0
Oil Changed	Client Info		Changed	N/A	N/A
Sample Status			NORMAL	NORMAL	ABNORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.068	1.062	1.069
pH	Scale 0-14	ASTM D1287 10.5	8.62	8.95	8.13
Nitrites	ppm	AP-053:2009 >800	900	900	▲ 260
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	50.1	45.6	51.0
Freezing Point	°F	ASTM D3321 -37	-35	-24	-38
Total Dissolved Solids			219.5	231.0	228.0
Carboxylate			fail	n/a	fail

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	48	36	32
Phosphorus	ppm	ASTM D6130 0	3	3	13
Boron	ppm	ASTM D6130	383	285	588
Molybdenum	ppm	ASTM D6130	205	173	305

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	2
Lead	ppm	ASTM D6130 >10	0	<1	<1
Tin	ppm	ASTM D6130 >10	0	1	0
Zinc	ppm	ASTM D6130	0	0	3

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	0	6	23

CARRIER SALTS

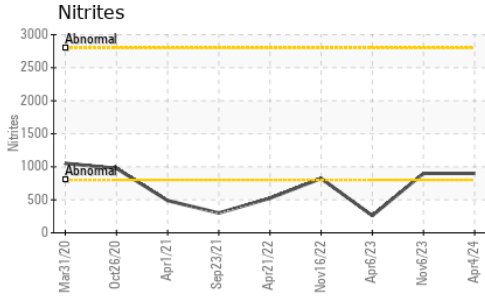
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	2303	1791	3094
Potassium	ppm	ASTM D6130	13	9	80

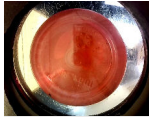



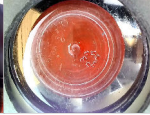

SCALE POTENTIAL

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

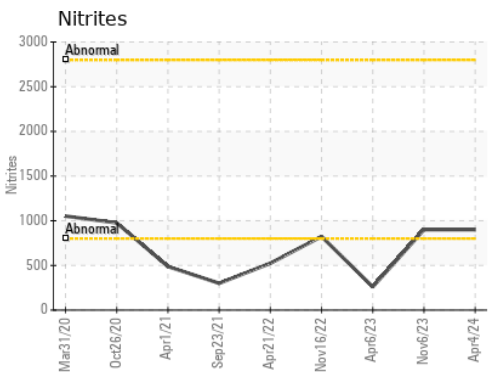
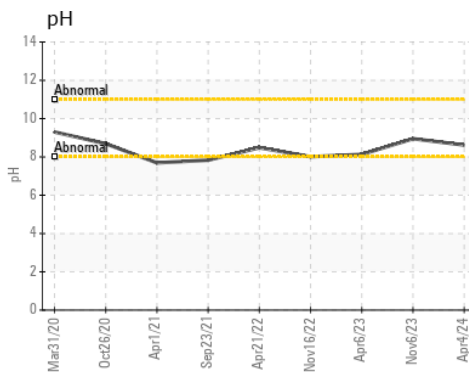
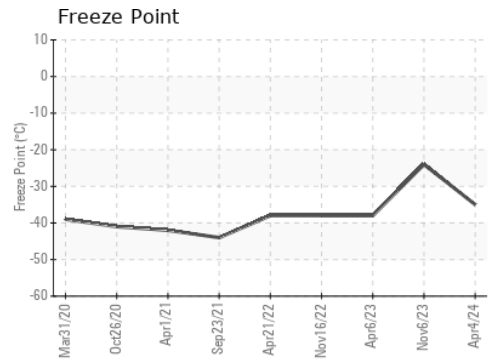
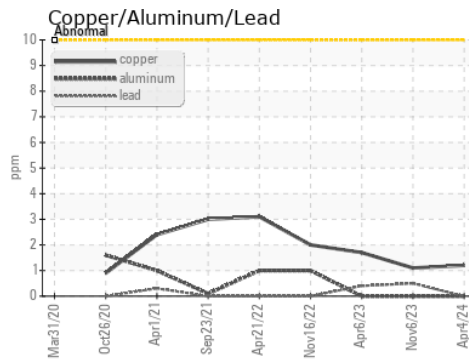
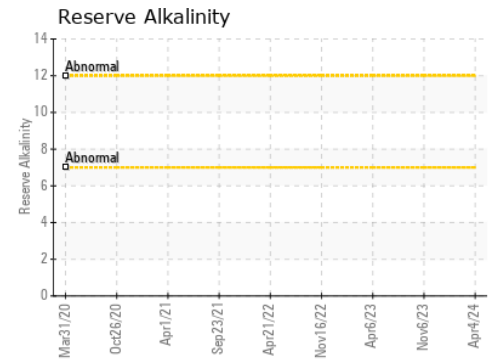
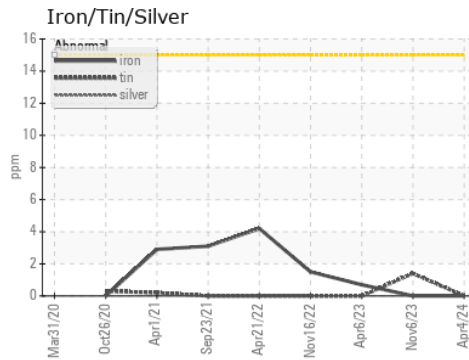


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0905669
Lab Number : **06146292**
Unique Number : 10976370
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)
Received : 11 Apr 2024
Tested : 16 Apr 2024
Diagnosed : 16 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)

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