



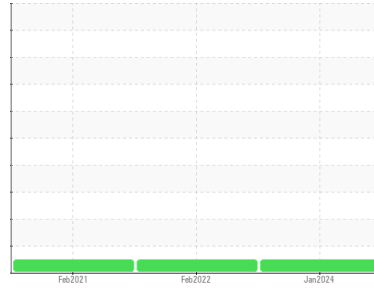
COOLANT REPORT

Sample Rating Trend

NORMAL



Machine Id
Byron Center CAT 1 BYCM01BE
Component
Coolant
Fluid
CHEVRON HEAVY DUTY PF COOLANT (--- GAL)



DIAGNOSIS

Recommendation

The fluid is suitable for further service. Please confirm sample ID.

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		WC0877032	WC0640281	WC0472199
Sample Date	Client Info		26 Jan 2024	04 Feb 2022	12 Feb 2021
Machine Age	hrs	Client Info	0	0	0
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.069	---	---
pH	Scale 0-14	ASTM D1287 10.5	8.64	8.69	8.85
Nitrites	ppm	AP-053:2009 >800	1312	788	1052
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	51.5	52	50
Freezing Point	°F	ASTM D3321 -37	-38	-42	-39
Total Dissolved Solids			321.0	269.0	277.0
Carboxylate			n/a	n/a	n/a

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	45	40	31
Phosphorus	ppm	ASTM D6130 0	991	6	5
Boron	ppm	ASTM D6130	279	619	599
Molybdenum	ppm	ASTM D6130	503	386	377

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130 >15	0	3	8
Aluminum	ppm	ASTM D6130 >10	0	0	5
Copper	ppm	ASTM D6130 >10	1	6	6
Lead	ppm	ASTM D6130 >10	<1	<1	0
Tin	ppm	ASTM D6130 >10	<1	<1	0
Zinc	ppm	ASTM D6130	0	<1	0

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	3	41	28

CARRIER SALTS

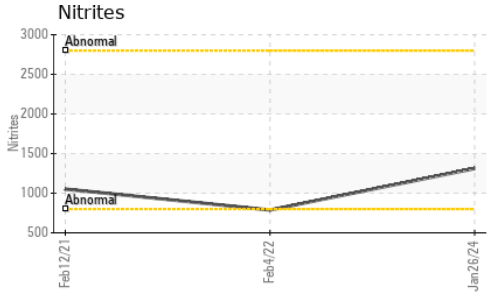
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	1479	1764	1751
Potassium	ppm	ASTM D6130	4881	193	210

SCALE POTENTIAL

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

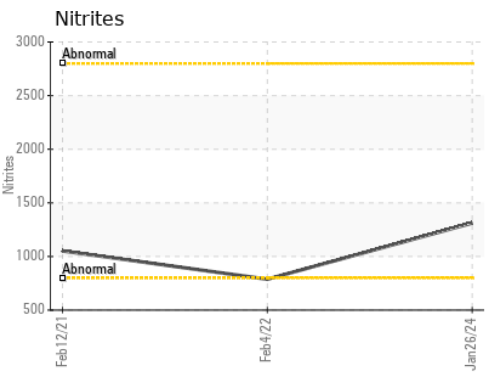
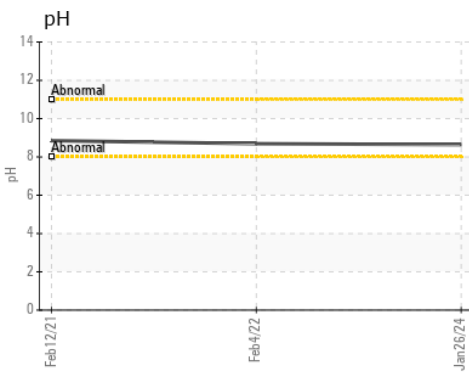
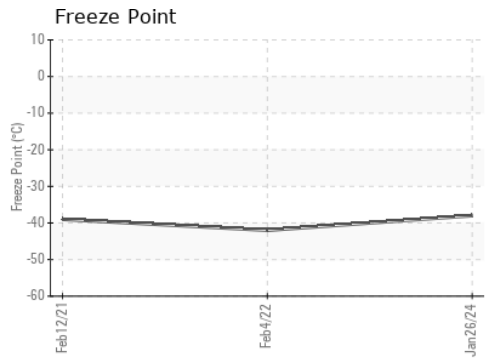
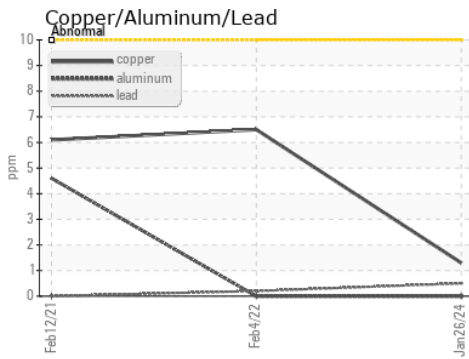
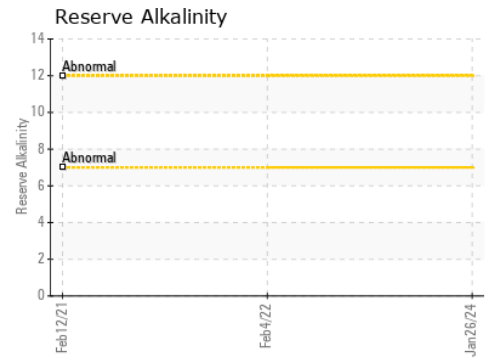
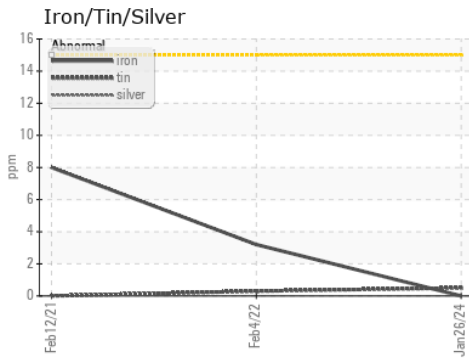


COOLANT REPORT



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

GRAPHS



Certificate L2367

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

Sample No. : WC0877032

Lab Number : 06076278

Unique Number : 10858369

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

Received : 31 Jan 2024

Tested : 08 Feb 2024

Diagnosed : 08 Feb 2024 - Doug Bogart

EDL NA Recips-Byron Center

Byron Center Powerstation, 10310 South Kent Road

Byron Center, MI

US 49315

Contact: Jake Ripke

Jake.Ripke@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)