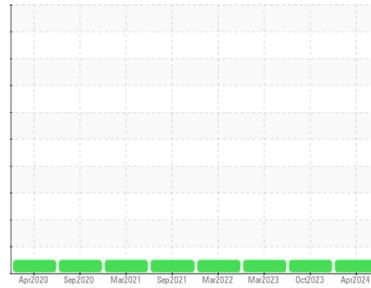




COOLANT REPORT

Sample Rating Trend



NORMAL



Machine Id
Coopersville CAT 6 CPVM06BE
 Component
Jacket Water Coolant
 Fluid
CHEVRON HEAVY DUTY PF COOLANT (100 GAL)

DIAGNOSIS

Recommendation

The fluid is suitable for further service.

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		WC0871557	WC0819478	WC0765308
Sample Date	Client Info		02 Apr 2024	11 Oct 2023	29 Mar 2023
Machine Age	hrs	Client Info	31824	27686	23179
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		Not Chngd	Not Chngd	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	1.064
pH	Scale 0-14	ASTM D1287 10.5	8.56	8.61	8.72
Nitrites	ppm	AP-053:2009 >800	824	864	976
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	49.2	49.2	47.5
Freezing Point	°F	ASTM D3321 -37	-33	-33	-28
Total Dissolved Solids			243.5	253.0	247.0
Carboxylate			n/a	n/a	n/a

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	66	65	84
Phosphorus	ppm	ASTM D6130 0	10	5	13
Boron	ppm	ASTM D6130	393	321	606
Molybdenum	ppm	ASTM D6130	253	199	368

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130 >15	<1	0	<1
Aluminum	ppm	ASTM D6130 >10	<1	<1	0
Copper	ppm	ASTM D6130 >10	2	0	2
Lead	ppm	ASTM D6130 >10	<1	0	<1
Tin	ppm	ASTM D6130 >10	<1	0	0
Zinc	ppm	ASTM D6130	0	0	0

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	20	4	58

CARRIER SALTS

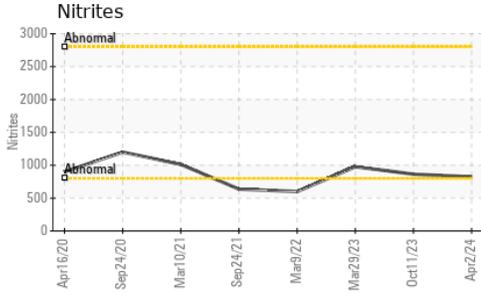
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	2481	1921	3211
Potassium	ppm	ASTM D6130	68	13	172

SCALE POTENTIAL

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

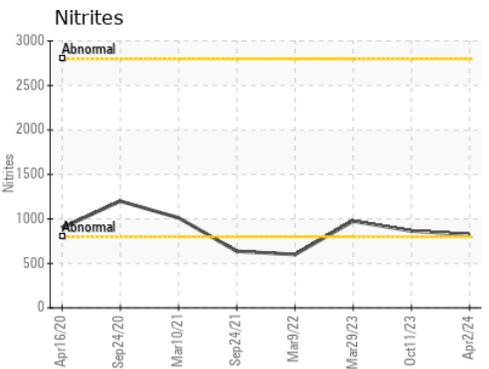
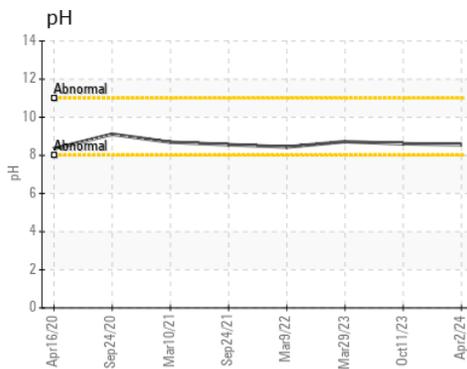
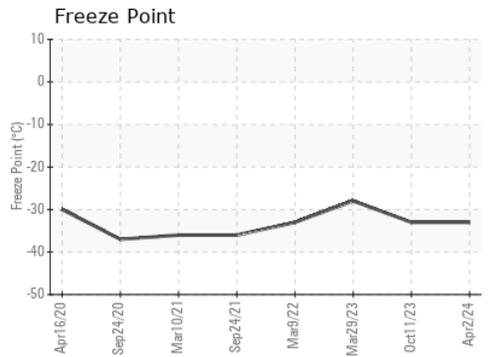
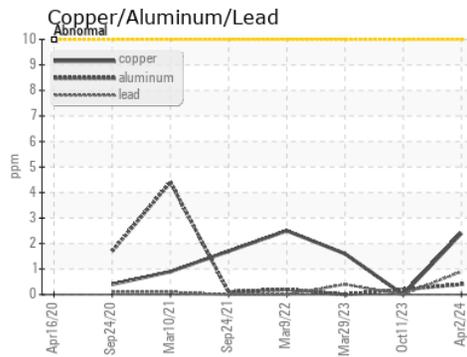
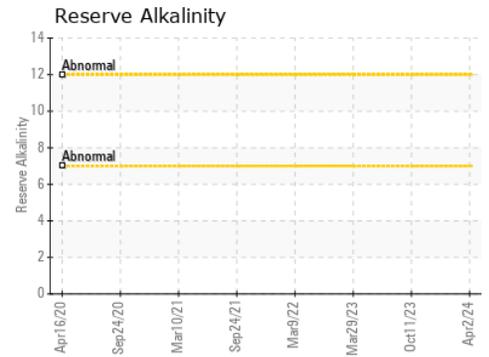
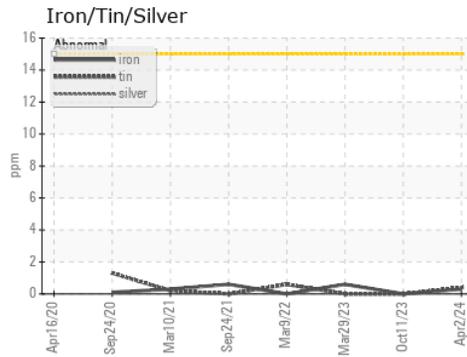


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual	Grn/Prpl	Orange	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. : WC0871557

Lab Number : 06140420

Unique Number : 10965228

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

Received : 05 Apr 2024

Tested : 10 Apr 2024

Diagnosed : 10 Apr 2024 - Jonathan Hester

EDL NA Recips-Coopersville

Coopersville Powerstation, 15362 68th Avenue

Coopersville, MI

US 49404

Contact: Daniel Young

daniel.young@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)