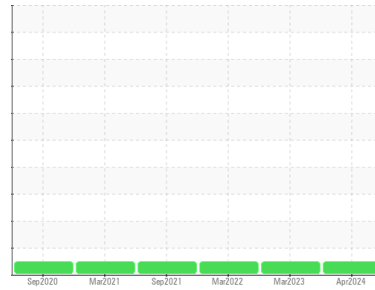




COOLANT REPORT

Sample Rating Trend



NORMAL



Machine Id
Coopersville CAT 5 CPVM05BE
 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		WC0871556	WC0765310	WC0661997
Sample Date	Client Info		02 Apr 2024	29 Mar 2023	09 Mar 2022
Machine Age	hrs	Client Info	16217	7667	93680
Oil Age	hrs	Client Info	0	0	8760
Oil Changed	Client Info		Not Chngd	N/A	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.057	1.054	1.065
pH	Scale 0-14	ASTM D1287 10.5	8.65	9.76	7.92
Nitrites	ppm	AP-053:2009 >800	600	1012	184
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	42.0	39.9	48.6
Freezing Point	°F	ASTM D3321 -37	-17	-11	-31
Total Dissolved Solids			161.0	212.0	238.0
Carboxylate			n/a	n/a	n/a

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	71	154	40
Phosphorus	ppm	ASTM D6130 0	11	22	8
Boron	ppm	ASTM D6130	356	559	652
Molybdenum	ppm	ASTM D6130	230	342	409

CORROSION

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

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	20	39	375

CARRIER SALTS

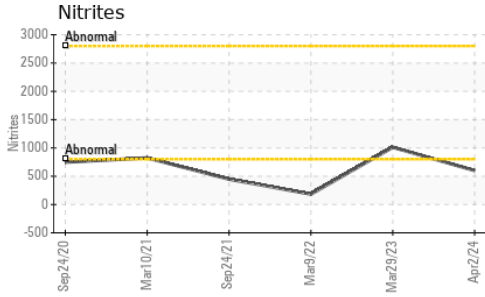
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	2236	2991	1848
Potassium	ppm	ASTM D6130	57	97	89



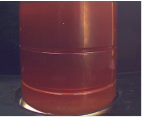



SCALE POTENTIAL

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

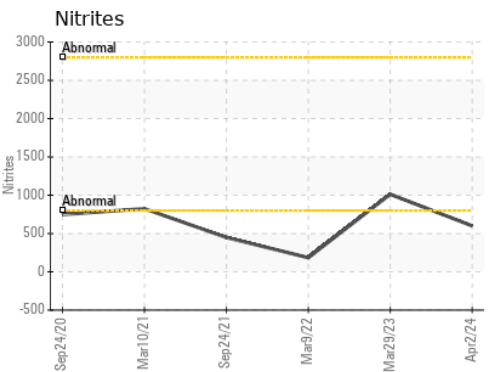
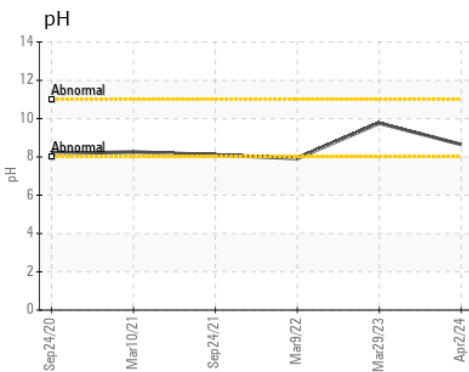
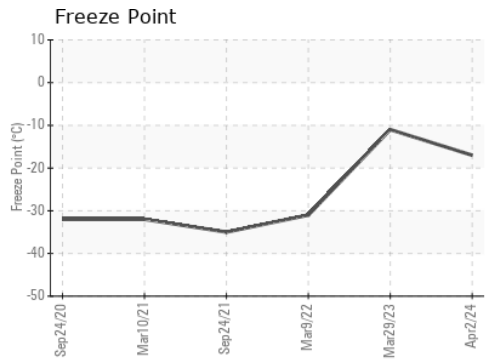
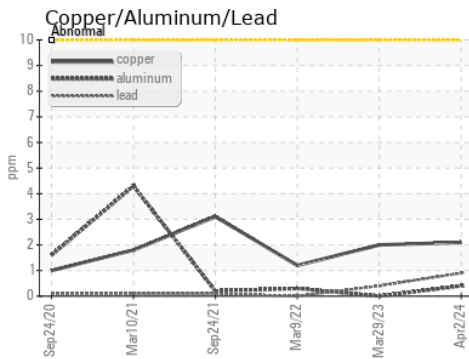
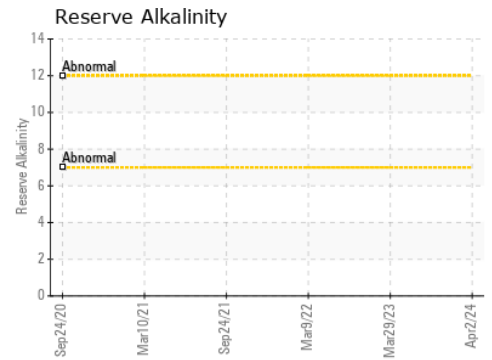
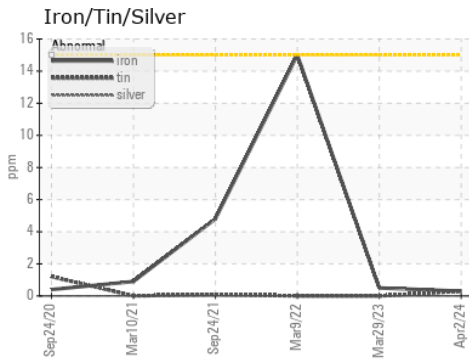


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0871556 **Received** : 05 Apr 2024
Lab Number : **06140415** **Tested** : 10 Apr 2024
Unique Number : 10965223 **Diagnosed** : 10 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

EDL NA Recips-Coopersville
 Coopersville Powerstation, 15362 68th Avenue
 Coopersville, MI
 US 49404
 Contact: Daniel Young
 daniel.young@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)