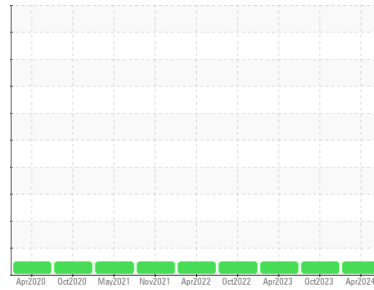




COOLANT REPORT

Machine Id
Grand River CAT 1 GRRM01BE
 Component
Auxiliary Circuit Coolant
 Fluid
CHEVRON HEAVY DUTY PF COOLANT (125 GAL)

Sample Rating Trend



NORMAL



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		WC0724919	WC0724856	WC0724833
Sample Date	Client Info		23 Apr 2024	10 Oct 2023	04 Apr 2023
Machine Age	hrs	Client Info	72558	70050	68564
Oil Age	hrs	Client Info	72558	70050	68564
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		1.068	1.068	1.068
pH	Scale 0-14	ASTM D1287 10.5	9.16	9.13	9.20
Nitrites	ppm	AP-053:2009 >800	1312	1428	1164
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	50.5	50.3	50.7
Freezing Point	°F	ASTM D3321 -37	-35	-35	-35
Total Dissolved Solids			247.5	276.5	256.5
Carboxylate			n/a	n/a	fail

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	37	24	73
Phosphorus	ppm	ASTM D6130 0	7	5	15
Boron	ppm	ASTM D6130	322	319	579
Molybdenum	ppm	ASTM D6130	198	204	351

CORROSION

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

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	5	<1	24

CARRIER SALTS

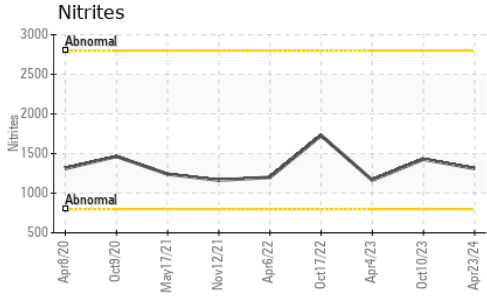
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	2039	2107	3280
Potassium	ppm	ASTM D6130	87	49	165

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	2	<1	4
Magnesium	ppm	ASTM D6130	0	<1	0

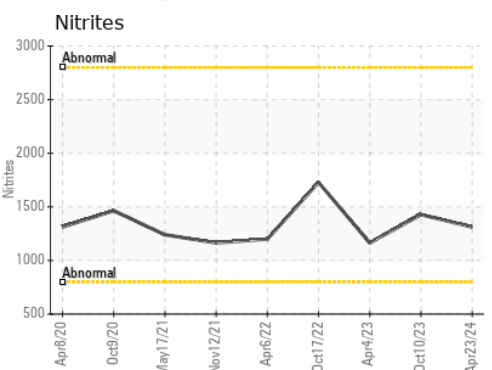
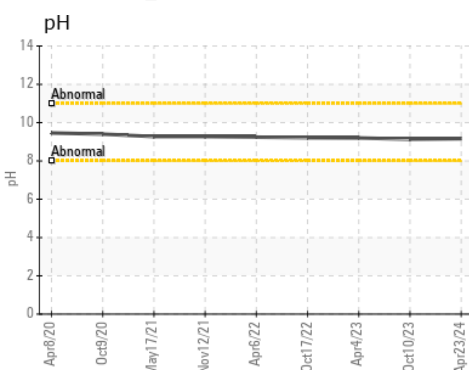
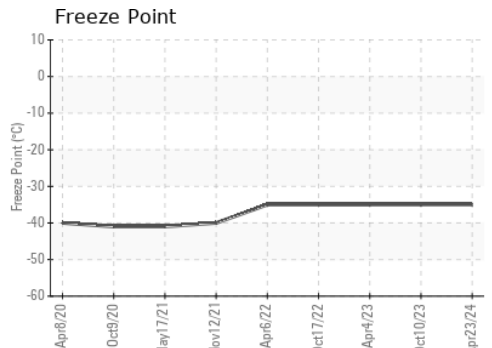
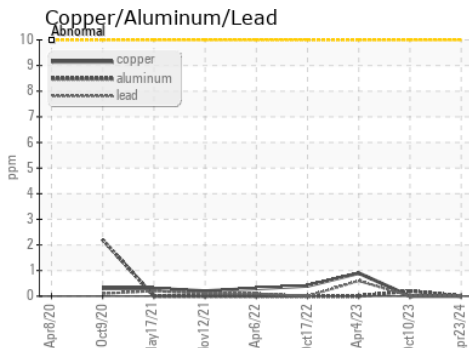
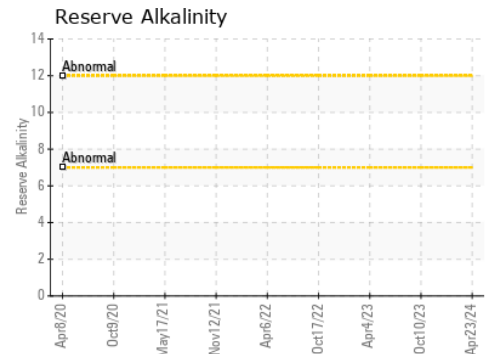
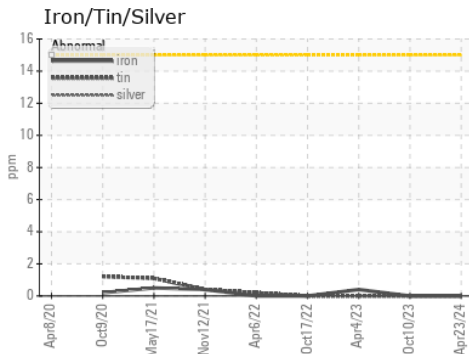


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0724919
Lab Number : 06160899
Unique Number : 10996322
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)
Received : 25 Apr 2024
Tested : 30 Apr 2024
Diagnosed : 30 Apr 2024 - Jonathan Hester

EDL NA Recips-Grand River
 Grand River Powerstation, 8550 West Grand River Hwy
 Grand Ledge, MI
 US 48837
 Contact: JAMES ALEXANDER
 james.alexander@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)