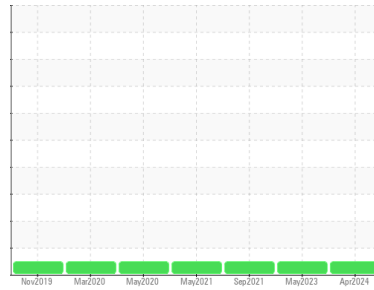




COOLANT REPORT

Machine Id
Pinconning CAT 1 PINM01BE
 Component
Jacket Water Coolant
 Fluid
CHEVRON HEAVY DUTY PF COOLANT (--- 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		WC0840761	WC0531432	WC0587195
Sample Date	Client Info		19 Apr 2024	12 May 2023	09 Sep 2021
Machine Age	hrs	Client Info	66375	119873	105090
Oil Age	hrs	Client Info	2496	0	90507
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		1.065	1.078	---
pH	Scale 0-14	ASTM D1287 10.5	10.2	8.81	7.87
Nitrites	ppm	AP-053:2009 >800	1276	1200	1124
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321 50	48.3	58.7	49
Freezing Point	°F	ASTM D3321 -37	-31	-54	-35
Total Dissolved Solids			349.5	296.0	248.5
Carboxylate			n/a	fail	n/a

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 1000	172	107	136
Phosphorus	ppm	ASTM D6130 0	11	5	12
Boron	ppm	ASTM D6130	354	790	527
Molybdenum	ppm	ASTM D6130	220	501	324

CORROSION

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

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	4	13	9

CARRIER SALTS

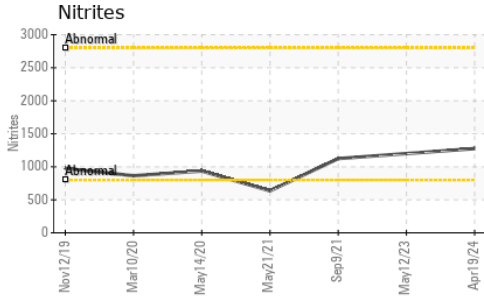
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	2146	4092	1671
Potassium	ppm	ASTM D6130	10	386	62

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	1	3	2
Magnesium	ppm	ASTM D6130	<1	0	<1

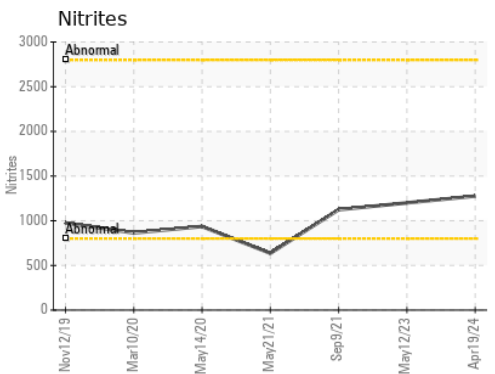
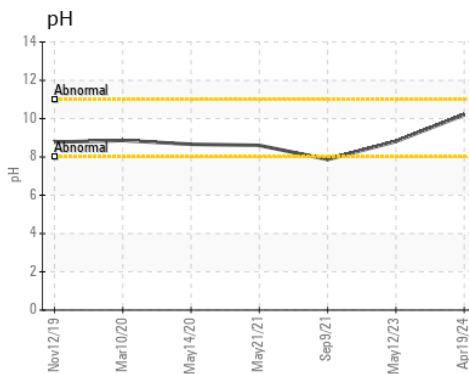
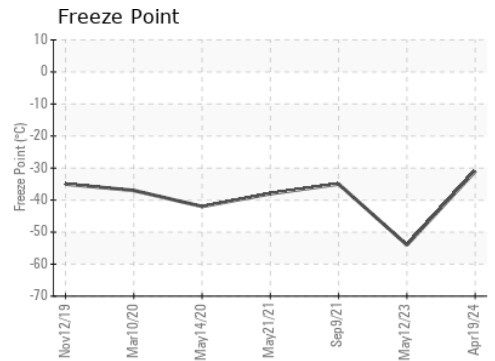
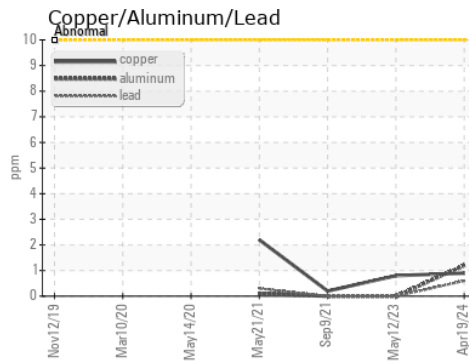
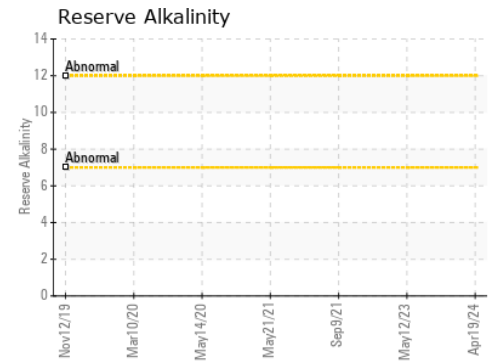
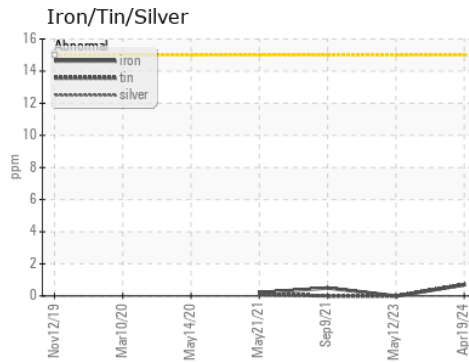


COOLANT REPORT



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



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0840761
Lab Number : 06156545
Unique Number : 10991968
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)
Received : 22 Apr 2024
Tested : 23 Apr 2024
Diagnosed : 24 Apr 2024 - Jonathan Hester

EDL NA Recips-Pinconning
 Pinconning Powerstation, 2403 E. Whitefeather Road
 Pinconning, MI
 US 48650
 Contact: DOUG HINE
 doug.hine@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)

T:
F: