



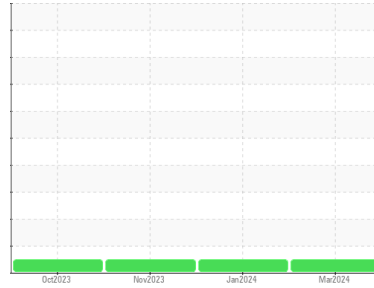
COOLANT REPORT

Sample Rating Trend

NORMAL



Area
MINING
 Machine Id
ME-66 CATERPILLAR 980M MK700460
 Component
Coolant
 Fluid
CATERPILLAR ELC (--- GAL)



DIAGNOSIS

Recommendation

The fluid is suitable for further service.

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		WC0909668	WC0880667	WC0880648
Sample Date	Client Info		12 Mar 2024	22 Jan 2024	30 Nov 2023
Machine Age	hrs	Client Info	5546	5015	4480
Oil Age	hrs	Client Info	1000	1500	1000
Oil Changed		Client Info	Changed	Changed	Not Changd
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

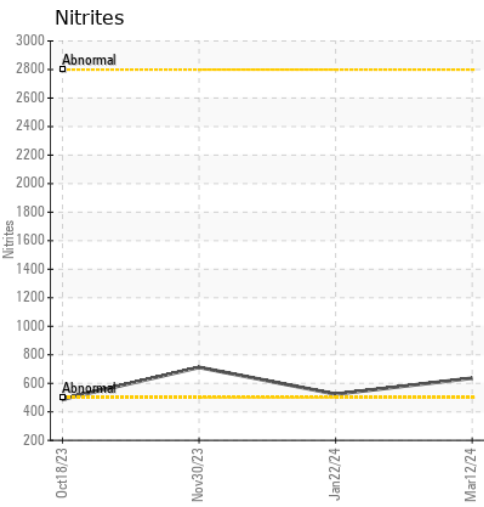
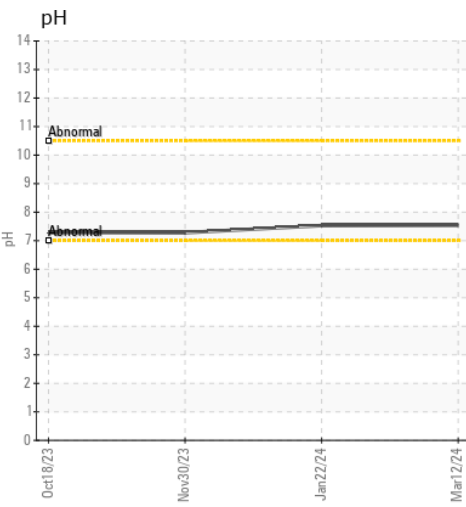
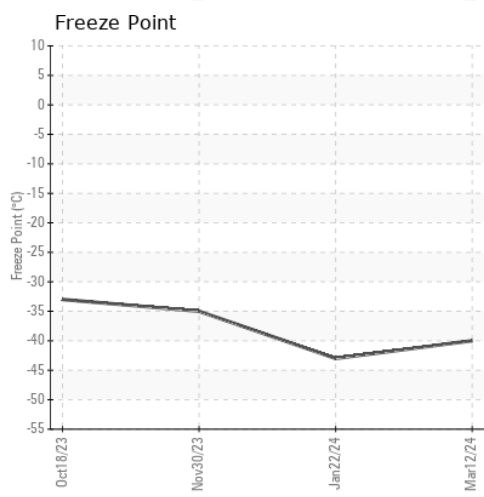
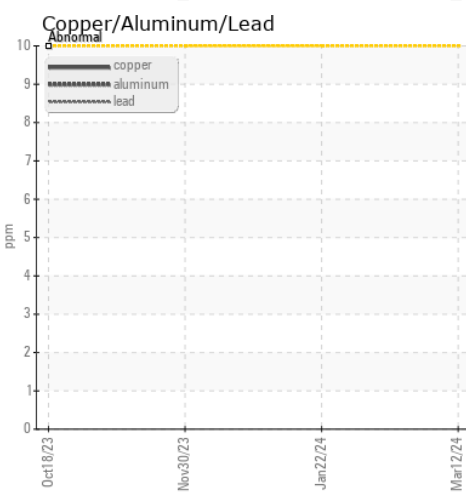
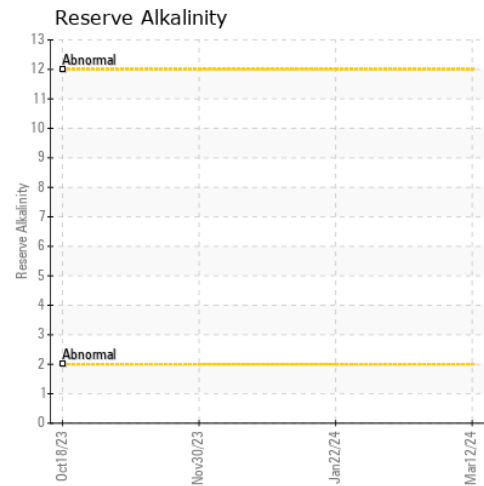
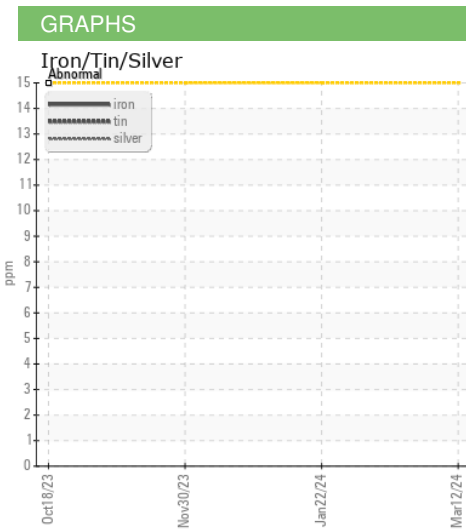
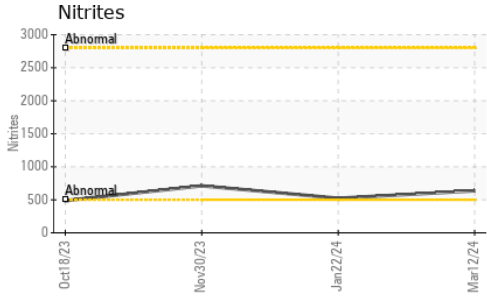
	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.070	1.071	1.067
pH	Scale 0-14	ASTM D1287	7.54	7.53	7.28
Nitrites	ppm	AP-053:2009	636	524	712
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	52.9	53.3	50.0
Freezing Point	°F	ASTM D3321	-40	-43	-35
Total Dissolved Solids			354.5	371.0	337.5
Carboxylate			n/a	fail	n/a

VISUAL

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



COOLANT REPORT



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0909668 **Received** : 19 Mar 2024
Lab Number : 06122877 **Tested** : 22 Mar 2024
Unique Number : 10937028 **Diagnosed** : 22 Mar 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType)

COVIA - CAMDEN - 094
 1700 SAND MILL RD
 CAMDEN, TN
 US 38320
 Contact: TRACY KEE
 tracy.kee@coviacorp.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: