



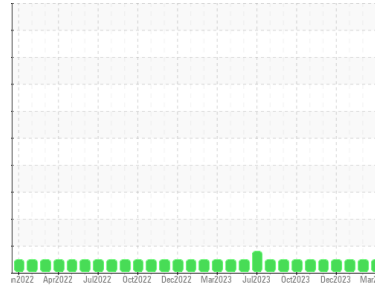
COOLANT REPORT

Sample Rating Trend

NORMAL



Machine Id
CATERPILLAR GM01 (S/N LGS00177)
 Component
Jacket Water Coolant
 Fluid
EXTENDED LIFE COOLANT (290 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		WC0897534	WC0897532	WC0760177
Sample Date	Client Info		18 Mar 2024	19 Feb 2024	22 Jan 2024
Machine Age	hrs	Client Info	78738	78220	77589
Oil Age	hrs	Client Info	21863	21345	20714
Oil Changed	Client Info		Not Changed	Not Changed	Not Changed
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

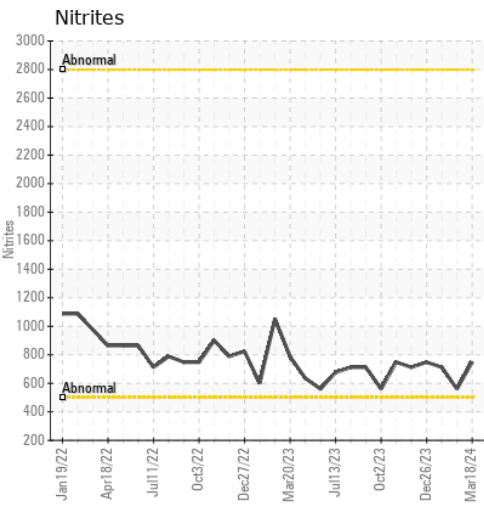
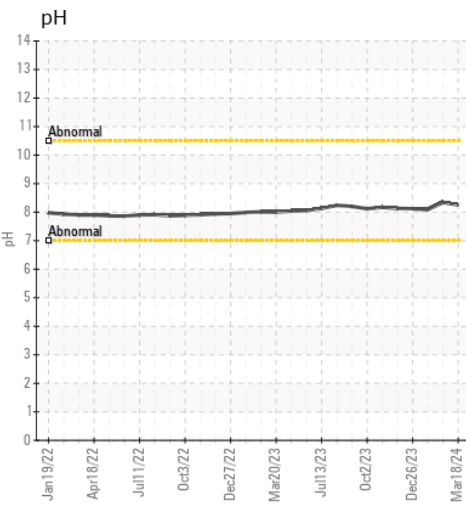
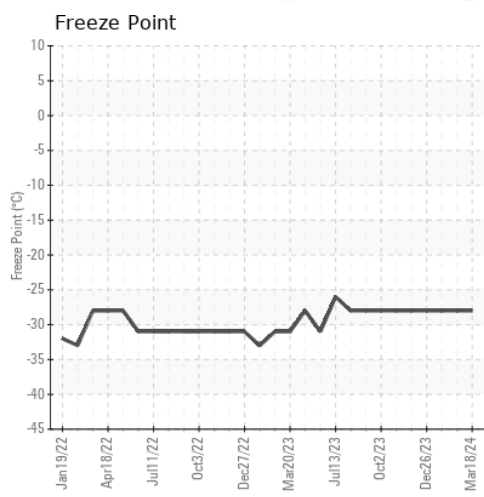
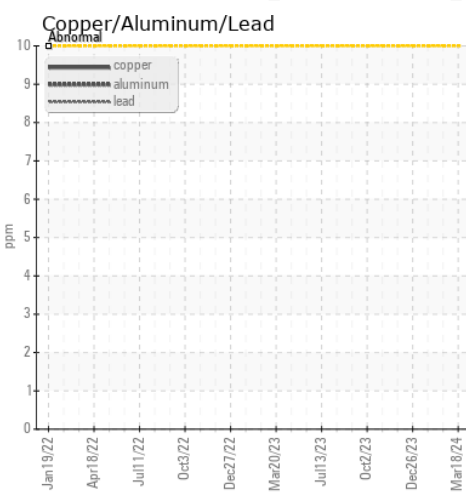
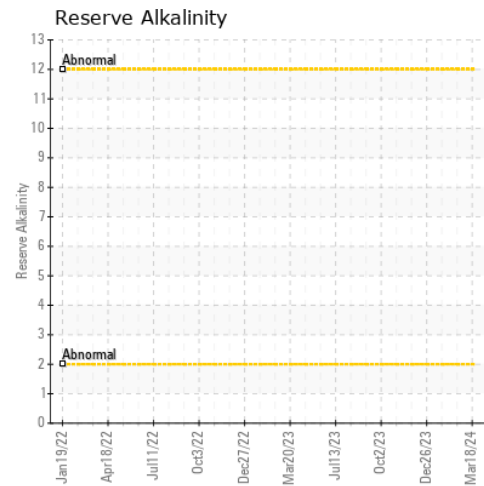
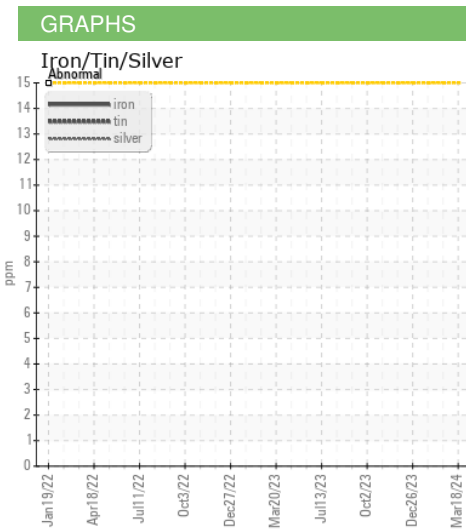
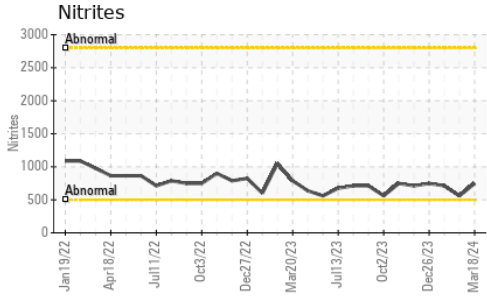
	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.064	1.064	1.064
pH	Scale 0-14	ASTM D1287	8.25	8.34	8.09
Nitrites	ppm	AP-053:2009	748	560	712
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	47.2	47.4	47.3
Freezing Point	°F	ASTM D3321	-28	-28	-28
Total Dissolved Solids			214.0	238.5	228.5
Carboxylate			n/a	n/a	n/a

VISUAL

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



COOLANT REPORT



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0897534
Lab Number : 06123306
Unique Number : 10937457
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType)

ONSLOW
 465 MEADOWVIEW RD
 JACKSONVILLE, NC
 US 28540
 Contact: THOMAS BURTON
 thomas.burton@cubedistrictenergy.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)