

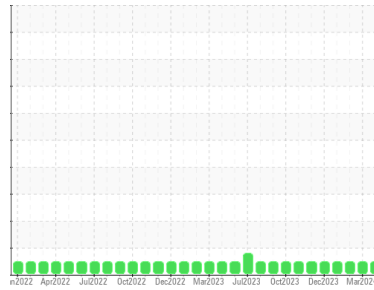


COOLANT REPORT



Machine Id
CATERPILLAR GM01 (S/N LGS00177)
 Component
Jacket Water Coolant
 Fluid
EXTENDED LIFE COOLANT (290 GAL)

Sample Rating Trend



NORMAL



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		WC0897536	WC0897534	WC0897532
Sample Date	Client Info		15 Apr 2024	18 Mar 2024	19 Feb 2024
Machine Age	hrs	Client Info	79397	78738	78220
Oil Age	hrs	Client Info	22522	21863	21345
Oil Changed	Client Info		Not Changed	Not Changd	Not Changed
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

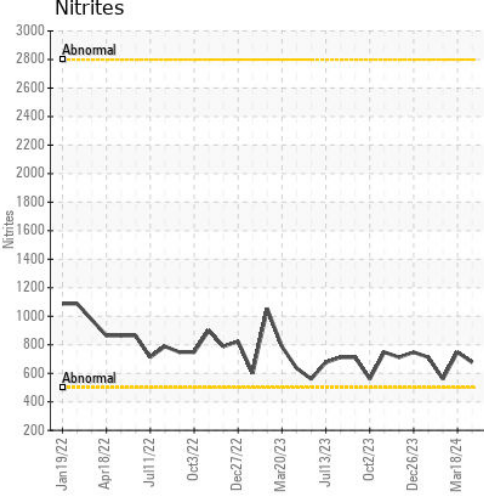
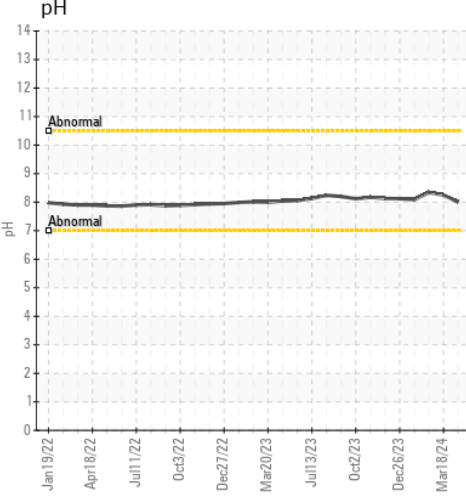
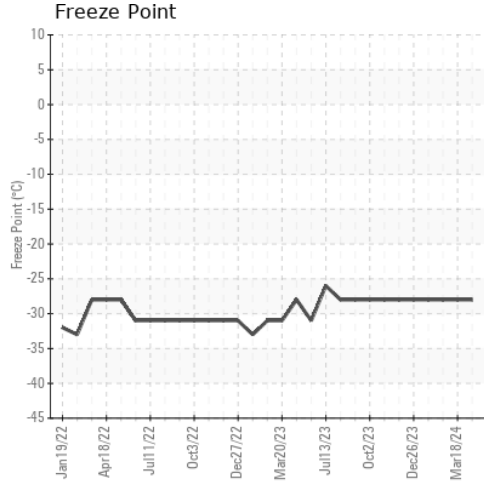
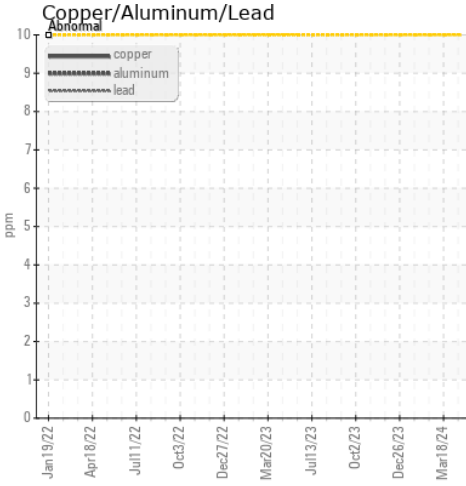
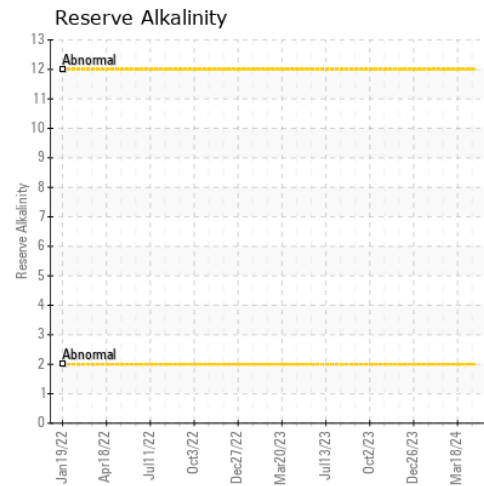
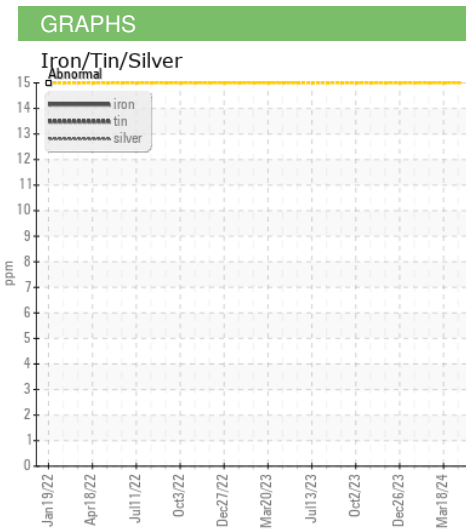
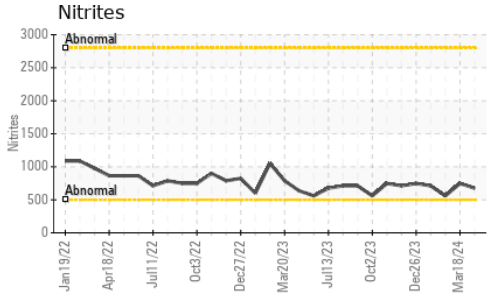
	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.064	1.064	1.064
pH	Scale 0-14	ASTM D1287	8.00	8.25	8.34
Nitrites	ppm	AP-053:2009	676	748	560
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	47.6	47.2	47.4
Freezing Point	°F	ASTM D3321	-28	-28	-28
Total Dissolved Solids			25315	214.0	238.5
Carboxylate			n/a	n/a	n/a

VISUAL

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



COOLANT REPORT



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0897536 **Received** : 16 Apr 2024
Lab Number : 06150862 **Tested** : 17 Apr 2024
Unique Number : 10980940 **Diagnosed** : 19 Apr 2024 - Doug Bogart
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)

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