



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL



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

RECOMMENDATION

The fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	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 Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

CORROSION

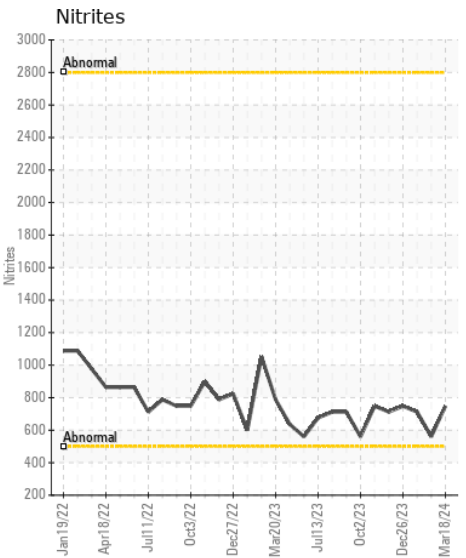
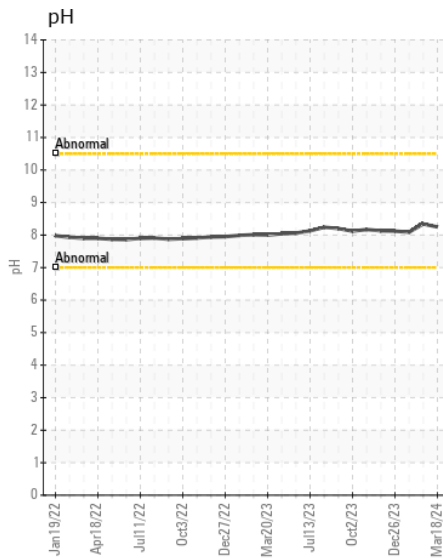
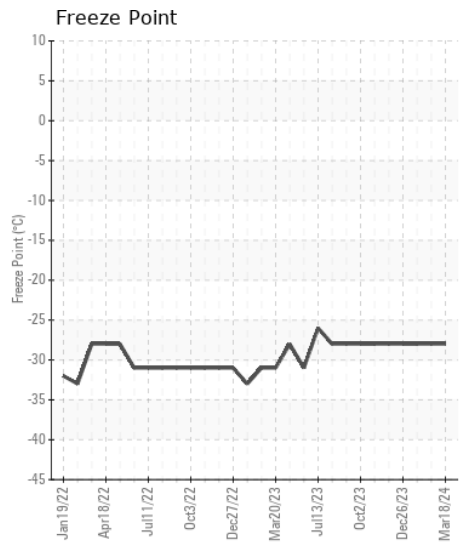
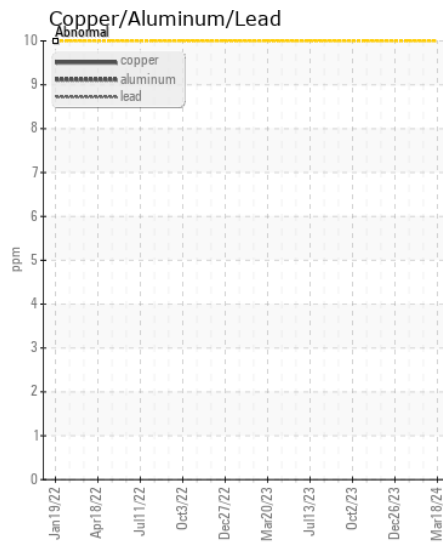
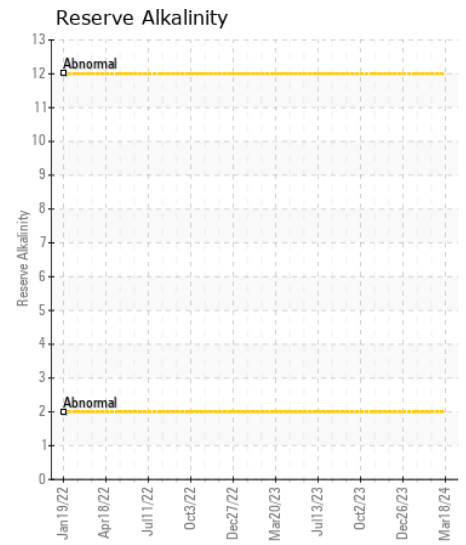
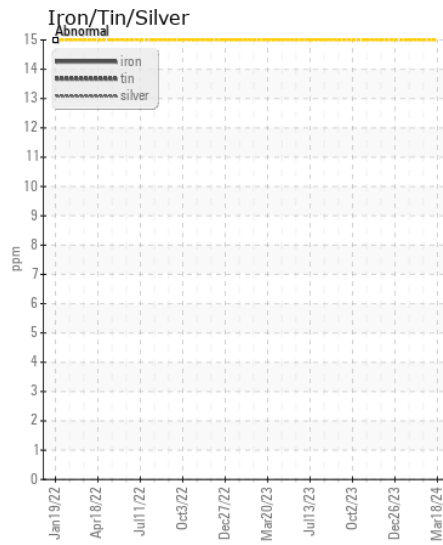
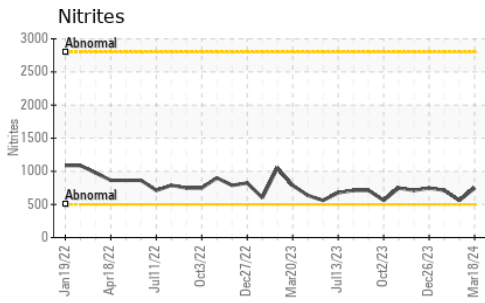
All metal levels are normal indicating no corrosion in the cooling system.

Total Dissolved Solids				214.0	238.5	228.5
Coolant Appearance		*Visual	Clear	normal	normal	normal

CONTAMINANTS

There is no indication of any contamination in the coolant.

Boiling Point	°C	WC Method		224	224	---
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
Carboxylate				n/a	n/a	n/a
Coolant Color		*Visual		Orange	Red	Red



Certificate L2367

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)

Received : 19 Mar 2024
Tested : 20 Mar 2024
Diagnosed : 22 Mar 2024 - Jonathan Hester

ONSLOW
 465 MEADOWVIEW RD
 JACKSONVILLE, NC
 US 28540

Contact: THOMAS BURTON
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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:
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