



COOLANT REPORT

CORROSION

NORMAL

CONTAMINANTS

ABNORMAL

COOLANT CONDITION

NORMAL



Machine Id
CATERPILLAR GM01
Component
Jacket Water Coolant
Fluid
{not provided} (--- GAL)

RECOMMENDATION

We recommend drain/flush system, and refill with 50/50 antifreeze water mixture.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0870574	WC0870571	WC0870505
Sample Date		Client Info		10 Jan 2024	10 Jan 2024	25 Oct 2023
Machine Age	hrs	Client Info		24666	0	23697
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	NORMAL	ABNORMAL

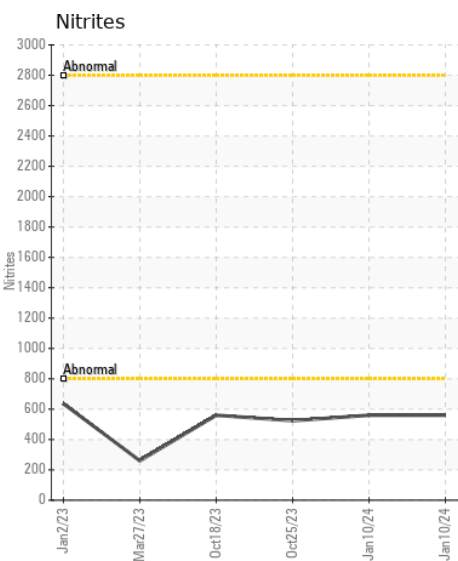
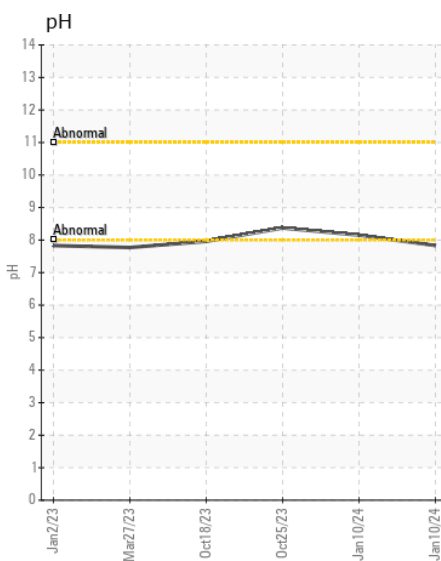
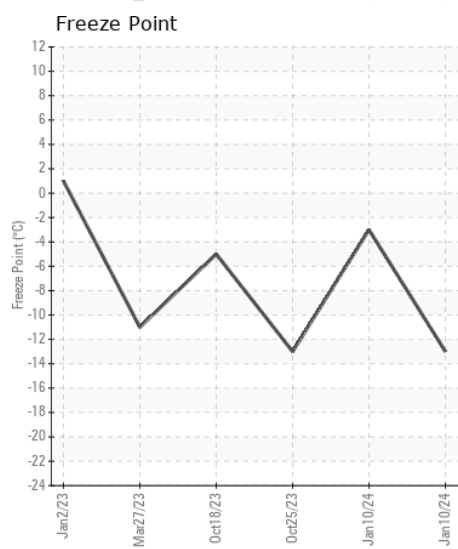
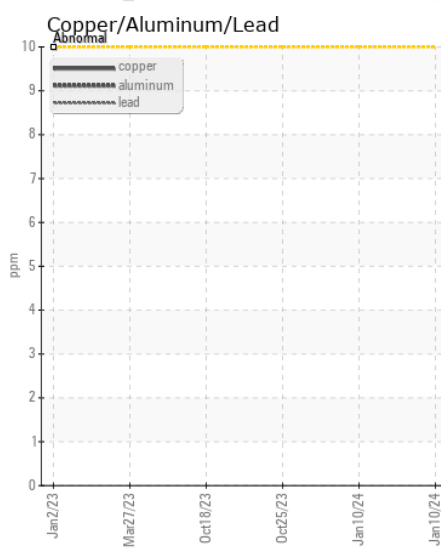
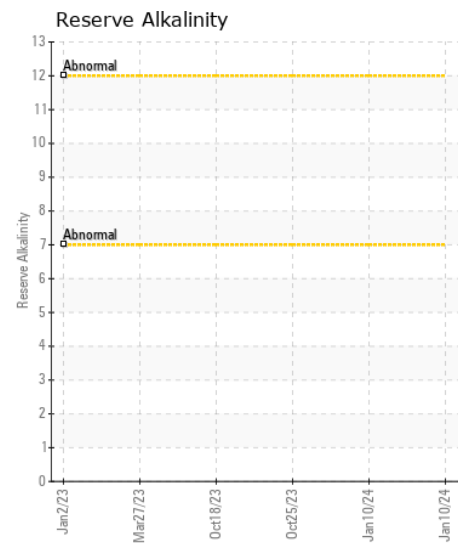
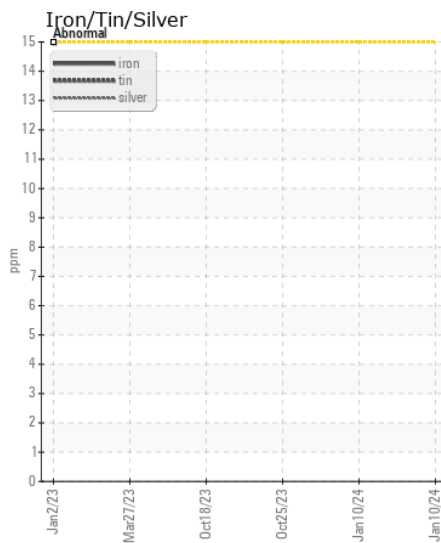
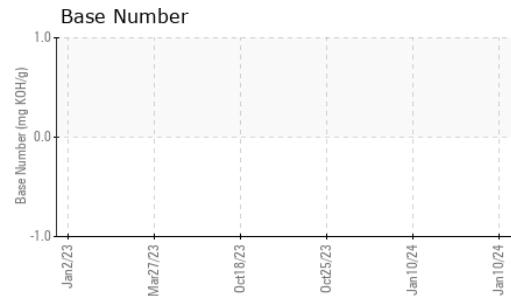
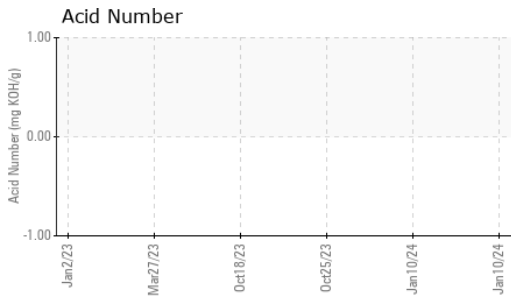
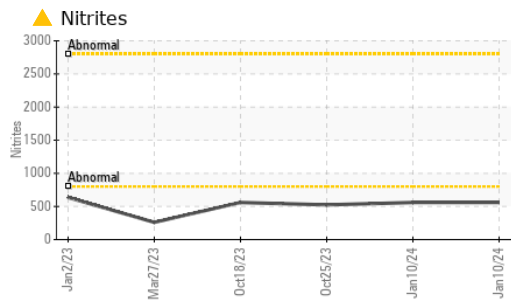
CORROSION

Total Dissolved Solids				234.5	275.0	213.5
Coolant Appearance		*Visual	Clear	▲ sediment	normal	▲ sediment

CONTAMINANTS

Sediment present.

Specific Gravity		*ASTM D1298		1.054	1.048	1.055
pH	Scale 0-14	ASTM D1287		7.83	8.15	8.37
Nitrites	ppm	AP-053:2009		560	560	524
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		40.0	35.8	40.7
Freezing Point	°F	ASTM D3321		-13	-3	-13
Carboxylate				n/a	n/a	fail
Coolant Color		*Visual		Pink	Pink	Pink



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0870574 **Received** : 12 Jan 2024
Lab Number : 06060536 **Diagnosed** : 17 Jan 2024
Unique Number : 10831918 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, TAN Man, TBN)

OAK GROVE KS
 1150 E 700TH AVE
 ARCADIA, KS
 US 66711

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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