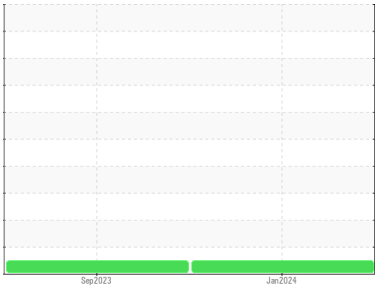
COOLANT REPORT

Sample Rating Trend



NORMAL

Area
Action Newark
Machine Id
CATERPILLAR 5582
Component
Coolant
Fluid
{not provided} (--- GAL)

DIAGNOSIS

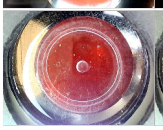
Recommendation
The fluid is suitable for further service.

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.

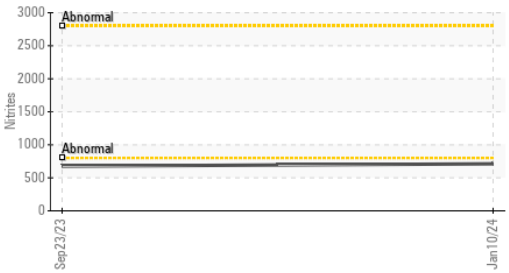
SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**WC0875474**	WC0850714	---
Sample Date		Client Info		**10 Jan 2024**	23 Sep 2023	---
Machine Age	hrs	Client Info		**29002**	28355	---
Oil Age	hrs	Client Info		**0**	0	---
Oil Changed		Client Info		**N/A**	N/A	---
Sample Status				**NORMAL**	NORMAL	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		**1.067**	1.068	---
pH	Scale 0-14	ASTM D1287		**8.06**	7.99	---
Nitrites	ppm	AP-053:2009		**712**	676	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		**---**	---	---
Percentage Glycol	%	ASTM D3321		**49.4**	50.5	---
Freezing Point	°F	ASTM D3321		**-33**	-35	---
Total Dissolved Solids				**297.0**	326.0	---
Carboxylate				**n/a**	n/a	---

VISUAL		method	limit/base	current	history1	history2
Coolant Color		*Visual		**Red**	LtRed	---
Coolant Appearance		*Visual	Clear	**normal**	normal	---
Color						*no image*
Bottom						*no image*

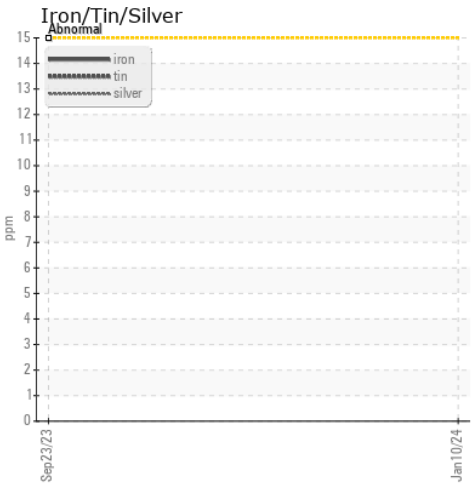
COOLANT REPORT

Nitrites

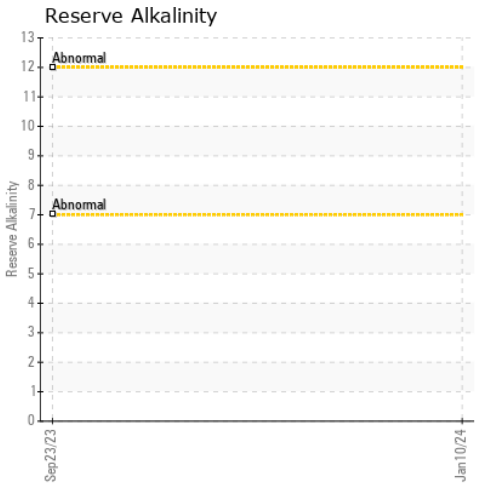


GRAPHS

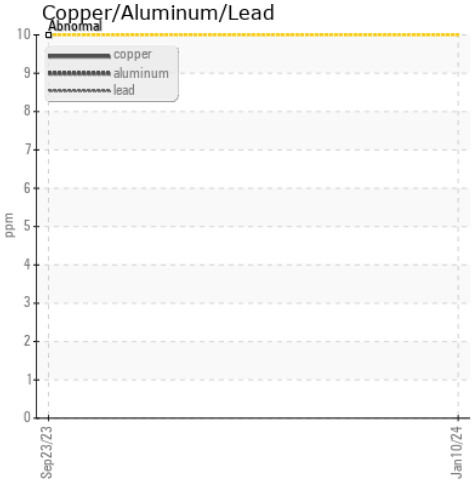
Iron/Tin/Silver



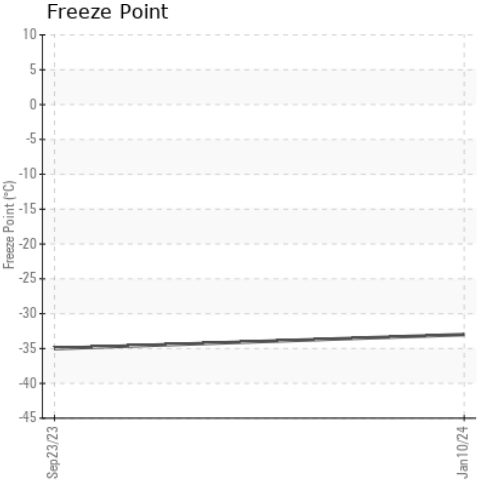
Reserve Alkalinity



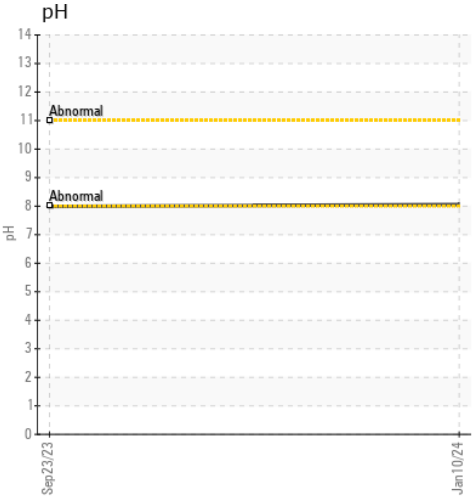
Copper/Aluminum/Lead



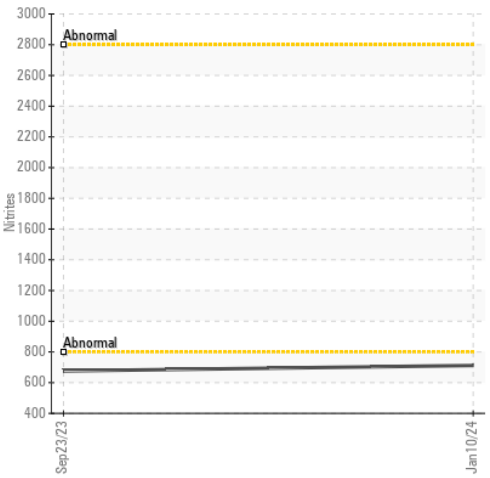
Freeze Point



pH



Nitrites



Certificate L2367

Laboratory	: WearCheck USA - 501 Madison Ave., Cary, NC 27513		
Sample No.	: WC0875474	**Recieved**	: 11 Jan 2024
Lab Number	: 06058933	**Diagnosed**	: 16 Jan 2024
Unique Number	: 10830315	**Diagnostician**	: Jonathan Hester
Test Package	: COOL- (Additional Tests: COOL)		

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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