



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Machine Id
016-0114
 Component
Coolant
 Fluid
DefendAL HD Antifreeze (--- GAL)

RECOMMENDATION

The fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0904072	WC0815117	WC0815154
Sample Date		Client Info		14 Feb 2024	06 Sep 2023	04 May 2023
Machine Age	hrs	Client Info		12374	11388	10376
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL

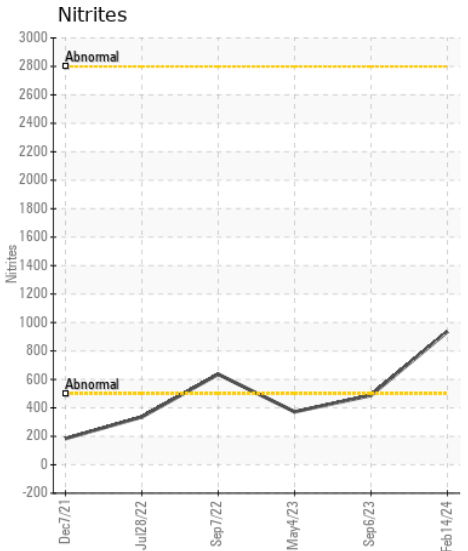
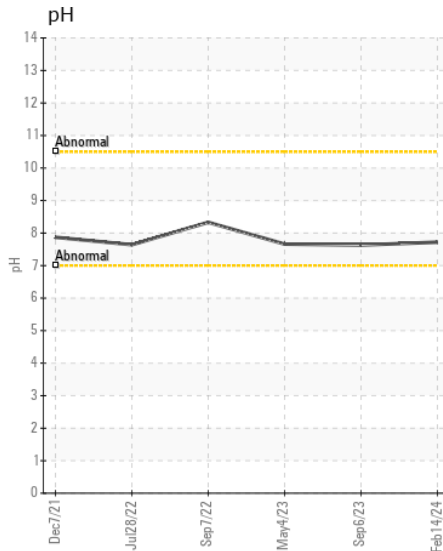
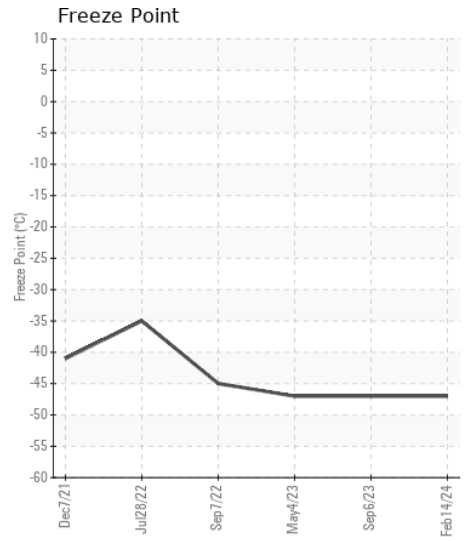
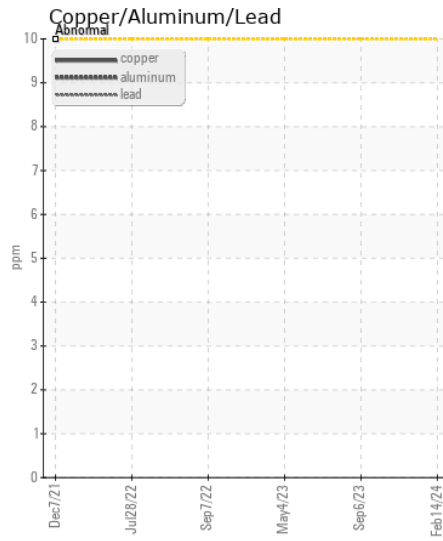
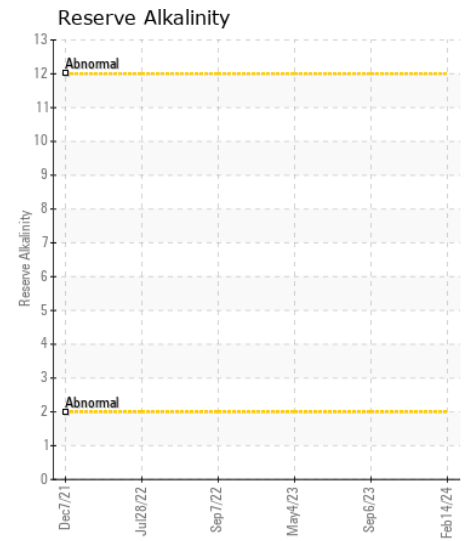
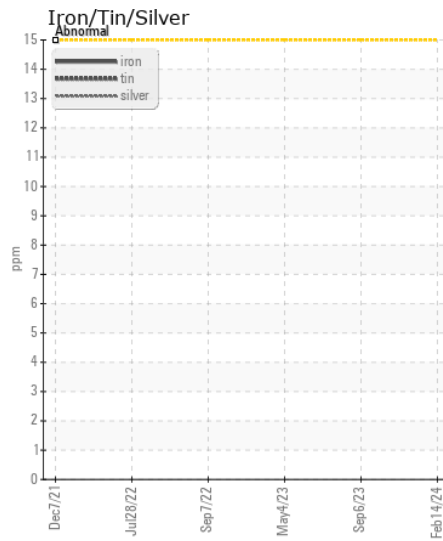
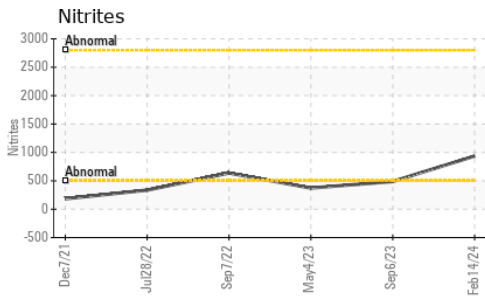
CORROSION

Total Dissolved Solids				373.5	417.0	363.0
Coolant Appearance		*Visual	Clear	normal	normal	normal

CONTAMINANTS

There is no indication of any contamination in the coolant.

Specific Gravity		*ASTM D1298	1.075	1.075	1.074	1.075
pH	Scale 0-14	ASTM D1287		7.72	7.63	7.66
Nitrites	ppm	AP-053:2009	600	936	488	372
Reserve Alkalinity	Scale 0-20	*ASTM D1121	2.8	---	---	---
Percentage Glycol	%	ASTM D3321	50	55.8	55.4	55.6
Freezing Point	°F	ASTM D3321	-36	-47	-47	-47
Carboxylate				n/a	n/a	n/a
Coolant Color		*Visual	Red	Red	Red	Red



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0904072 **Received** : 29 Feb 2024
Lab Number : 06105682 **Tested** : 05 Mar 2024
Unique Number : 10903912 **Diagnosed** : 05 Mar 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType)

SHIMMICK CONSTRUCTION
 5535 TRAILHEAD DRIVE
 CHATTANOOGA, TN
 US 37415
 Contact: DANIEL LISELLA
 daniel.lisella@shimmick.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)

T:
F: