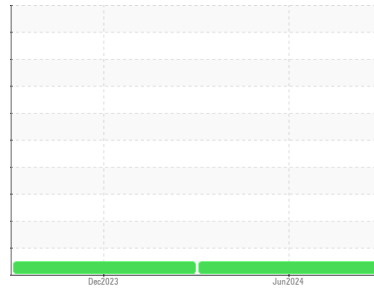




COOLANT REPORT

Sample Rating Trend



NORMAL



Machine Id
040-R0006

Component
Coolant

Fluid
DefendAL HD Antifreeze (--- GAL)

DIAGNOSIS

Recommendation

The fluid is suitable for further service. (Customer Sample Comment: 7156 hours. Engine Coolant sample)

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.

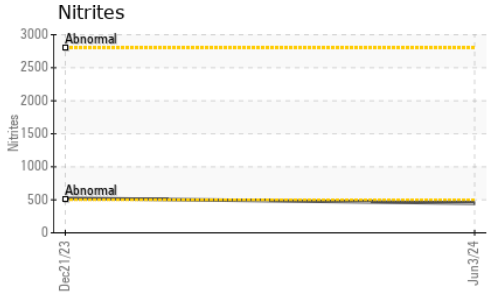
SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0868294	WC0868388	---
Sample Date	Client Info			03 Jun 2024	21 Dec 2023	---
Machine Age	hrs	Client Info		7156	6459	---
Oil Age	hrs	Client Info		7039	0	---
Oil Changed	Client Info			Not Chngd	Not Chngd	---
Sample Status				NORMAL	NORMAL	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			---	---	---
Specific Gravity	*ASTM D1298		1.075	1.065	1.067	---
pH	Scale 0-14	ASTM D1287		7.30	7.66	---
Nitrites	ppm	AP-053:2009	600	448	524	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121	2.8	---	---	---
Percentage Glycol	%	ASTM D3321	50	48.7	49.5	---
Freezing Point	°F	ASTM D3321	-36	-31	-33	---
Total Dissolved Solids				293.5	344.0	---
Carboxylate				n/a	n/a	---

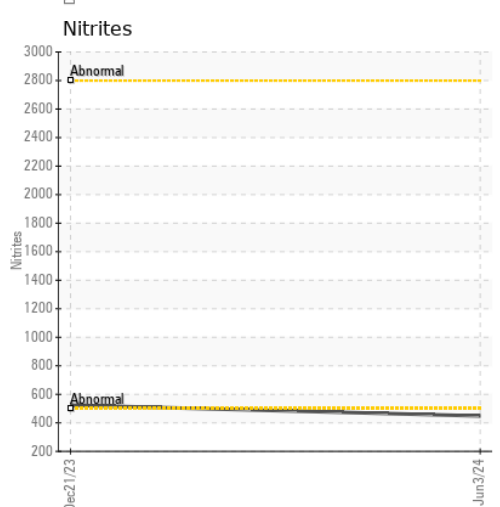
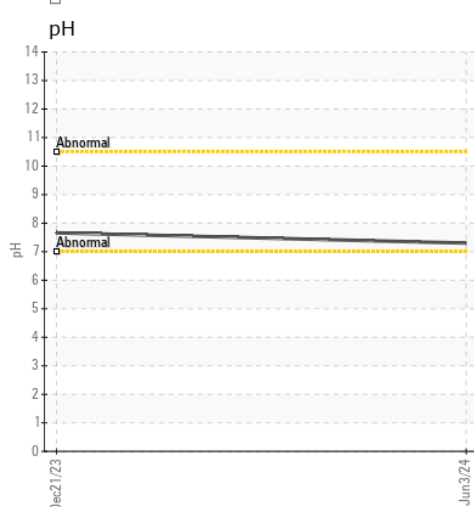
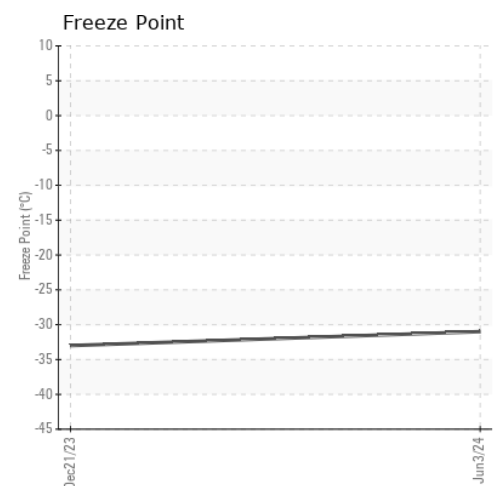
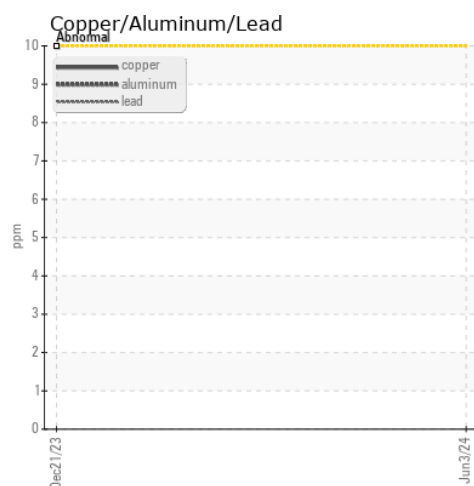
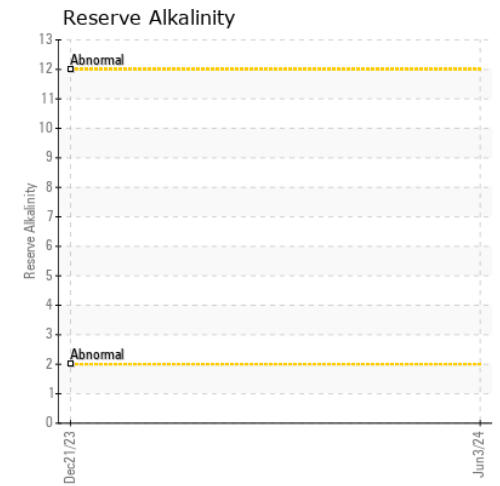
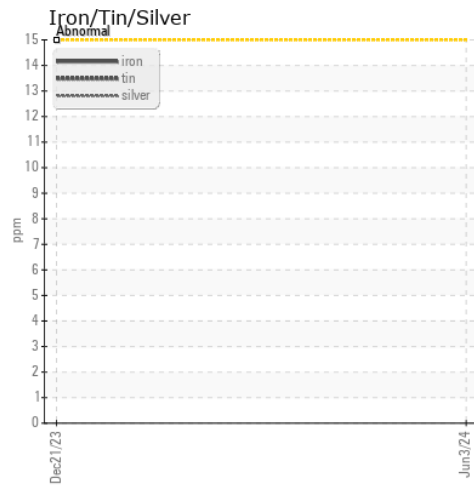
VISUAL		method	limit/base	current	history1	history2
Coolant Color	*Visual	Red		Orange	Orange	---
Coolant Appearance	*Visual	Clear		normal	normal	---
Color						no image
Bottom						no image



COOLANT REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0868294 **Received** : 07 Jun 2024
Lab Number : 06204101 **Tested** : 13 Jun 2024
Unique Number : 11071562 **Diagnosed** : 13 Jun 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: