



COOLANT REPORT

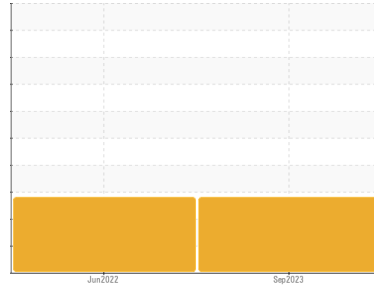
Sample Rating Trend

OFF SPEC

Machine Id
29145 E-24

Component
Coolant
Fluid

SHELL ROTELLA ELC EXTENDED LIFE COOLANT (--- QTS)



DIAGNOSIS

▲ Recommendation

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

Contaminants

There is no indication of any contamination in the coolant.

▲ Coolant Condition

The glycol level is higher than acceptable. The carboxylate level of this fluid is acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION

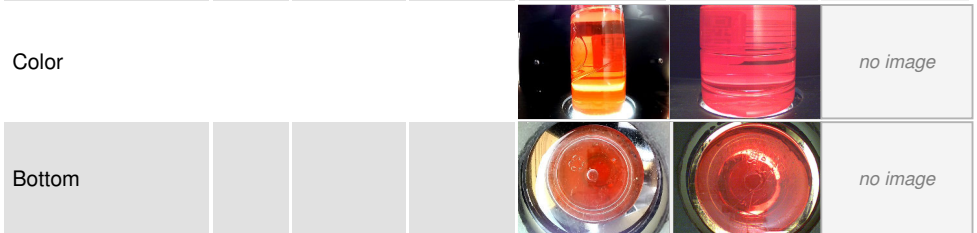
	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0631284	WC0631268	---
Sample Date	Client Info		20 Sep 2023	08 Jun 2022	---
Machine Age	mls	Client Info	41240	35912	---
Oil Age	mls	Client Info	0	0	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			ABNORMAL	ABNORMAL	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298	1.060	1.096	1.090	---
pH	Scale 0-14 ASTM D1287	8.3	7.86	8.39	---
Nitrites	ppm AP-053:2009	400	748	260	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121	3.0	---	---	---
Percentage Glycol	% ASTM D3321		▲ 76.5	▲ 70.1	---
Freezing Point	°F ASTM D3321	-34	-60	-66	---
Total Dissolved Solids			782.0	779.0	---
Carboxylate			n/a	pass	---

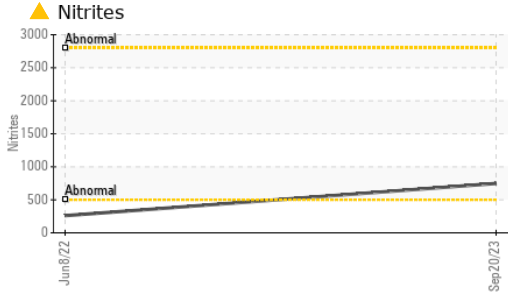
VISUAL

	method	limit/base	current	history1	history2
Coolant Color	*Visual	RED	Red	Orange	---
Coolant Appearance	*Visual	Clear	normal	normal	---

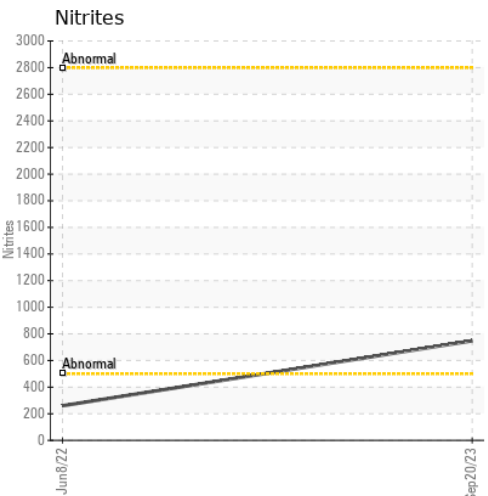
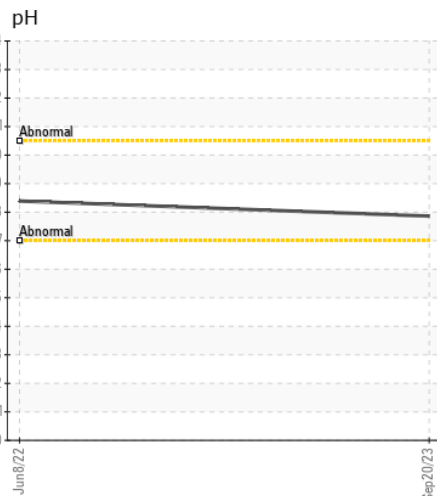
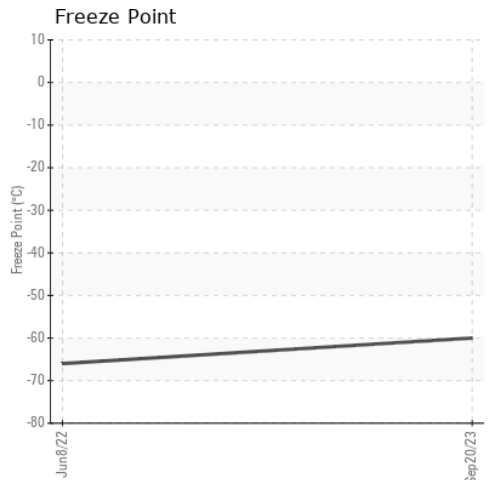
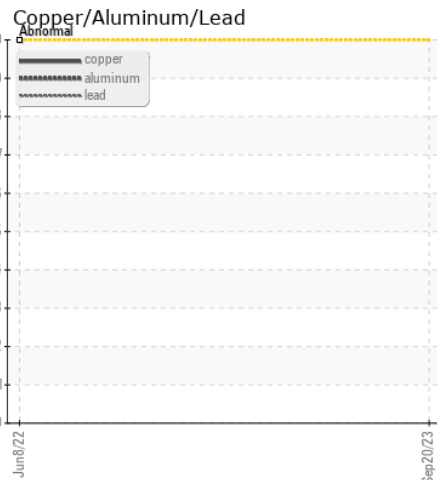
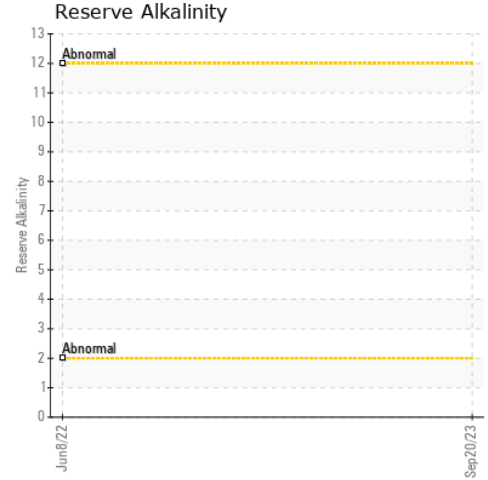
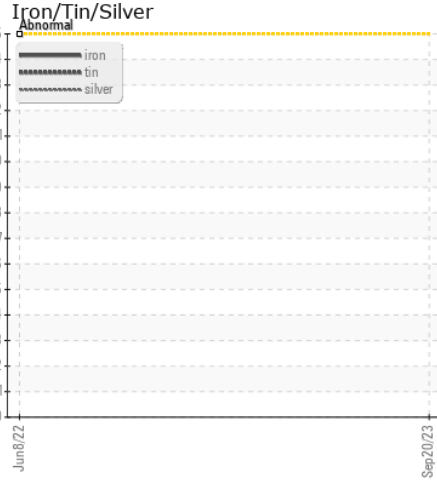




COOLANT REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0631284 **Received** : 26 Sep 2023
Lab Number : 05961562 **Diagnosed** : 28 Sep 2023
Unique Number : 10662775 **Diagnostician** : Doug Bogart
Test Package : COOL- (Additional Tests: COOL)

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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)