



COOLANT REPORT

Sample Rating Trend

NORMAL



Machine Id
B-202
 Component
Coolant
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

The fluid is suitable for further service.

Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

The carboxylate level of this fluid is acceptable. The glycol level 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		WC0843834	---	---
Sample Date	Client Info		21 Aug 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			NORMAL	---	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.065	---	---
pH	Scale 0-14	ASTM D1287	8.46	---	---
Nitrites	ppm	AP-053:2009	0	---	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	47.9	---	---
Freezing Point	°F	ASTM D3321	-28	---	---
Total Dissolved Solids			883.5	---	---
Carboxylate			pass	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	60	---	---
Phosphorus	ppm	ASTM D6130	4414	---	---
Boron	ppm	ASTM D6130	754	---	---
Molybdenum	ppm	ASTM D6130	203	---	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	6	---
Aluminum	ppm	ASTM D6130	>10	0	---
Copper	ppm	ASTM D6130	>10	<1	---
Lead	ppm	ASTM D6130	>10	<1	---
Tin	ppm	ASTM D6130	>10	<1	---
Zinc	ppm	ASTM D6130		<1	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		28	---
Particles >4µm		ASTM D7647	>5000	2331	---
Particles >6µm		ASTM D7647	>1300	1270	---
Particles >14µm		ASTM D7647	>160	216	---
Particles >21µm		ASTM D7647	>40	73	---
Particles >38µm		ASTM D7647	>10	11	---
Particles >71µm		ASTM D7647	>3	1	---
Oil Cleanliness		ISO 4406 (c)	>19/17/14	18/17/15	---

CARRIER SALTS

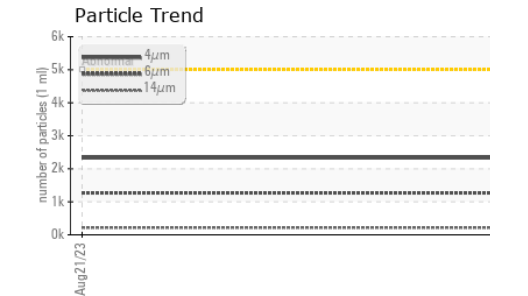
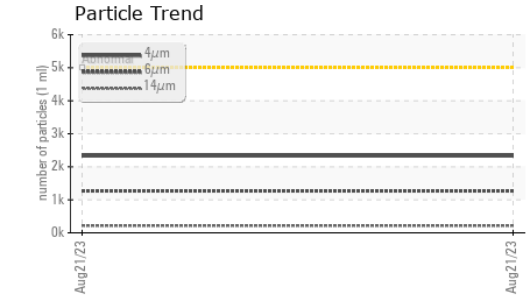
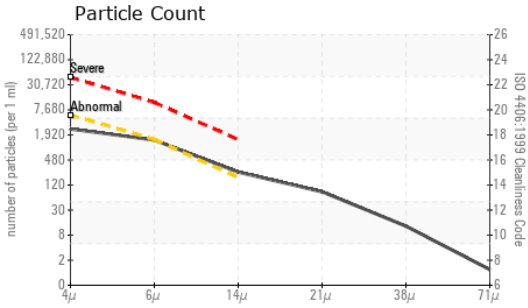
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		3080	---
Potassium	ppm	ASTM D6130		10000	---



SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		1	---
Magnesium	ppm	ASTM D6130		0	---

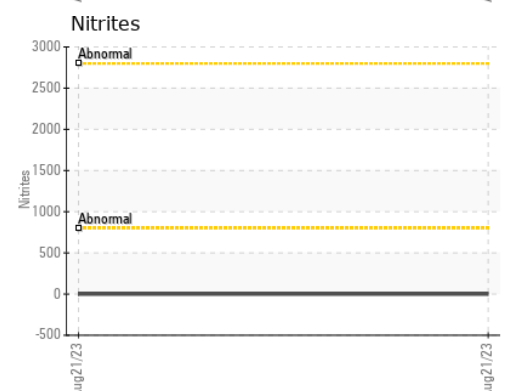
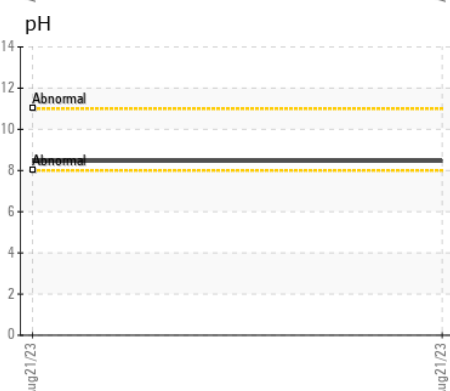
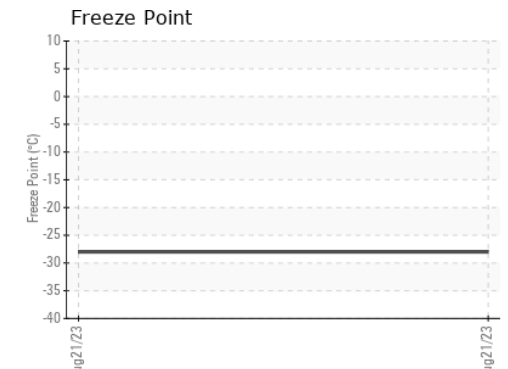
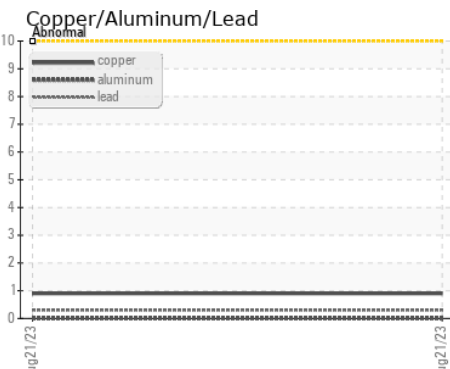
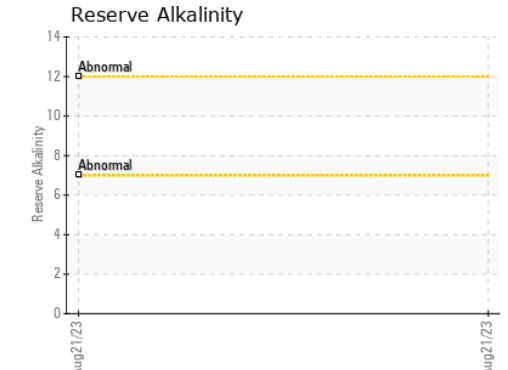
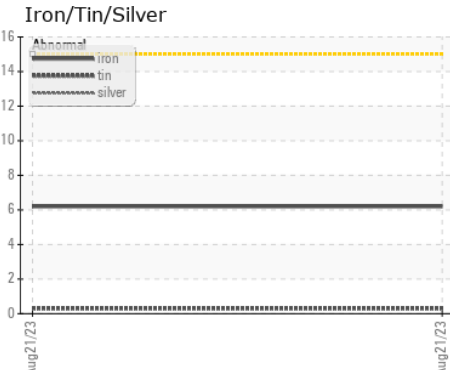


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0843834 **Received** : 22 Aug 2023
Lab Number : 05931805 **Diagnosed** : 25 Aug 2023
Unique Number : 10617076 **Diagnostician** : Doug Bogart
Test Package : COOL- (Additional Tests: COOL, ICP, PrtCount)

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 CHATTANOOGA, TN
 US 37406
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 mstarret@agresources.com
 T: (423)493-8602
 F: (423)629-1893

Certificate L2367
 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)