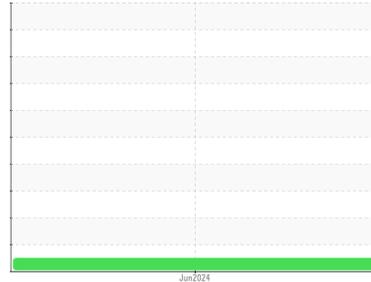


COOLANT REPORT

Sample Rating Trend



NORMAL



Area
[6100298979]
 Machine Id
36524-1-1-1-0913
 Component
Coolant
 Fluid
DETROIT DIESEL POWER COOL (--- GAL)

DIAGNOSIS

Recommendation

The fluid is suitable for further service. Resample at the next service interval to monitor.

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 pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WA0020220	---	---
Sample Date	Client Info	17 Jun 2024	---	---
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
Glycol Type	FT-IR	UNK	---	---
Specific Gravity	ASTM D1298*	1.070	---	---
pH	Scale 0-14 ASTM D1287* 9.5	8.62	---	---
Nitrites	ppm Alcan Test Kit* 500	1160	---	---
Reserve Alkalinity	Scale 0-20 ASTM D1121* 2.8	2.8	---	---
Percentage Glycol	% ASTM D3321* 50	52.7	---	---
Freezing Point	°C ASTM D3321* -40	-40	---	---
Carboxylate		---	---	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) 150	33	---	---
Phosphorus	ppm ASTM D5185(m) 0	21	---	---
Boron	ppm ASTM D5185(m) 300	253	---	---
Molybdenum	ppm ASTM D5185(m)	1	---	---

CORROSION

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185(m) >15	1	---	---
Aluminum	ppm ASTM D5185(m) >10	0	---	---
Copper	ppm ASTM D5185(m) >10	0	---	---
Lead	ppm ASTM D5185(m) >10	0	---	---
Tin	ppm ASTM D5185(m) >10	<1	---	---
Silver	ppm ASTM D5185(m) >10	0	---	---
Zinc	ppm ASTM D5185(m)	2	---	---

CARRIER SALTS

method	limit/base	current	history1	history2
Sodium	ppm ASTM D5185(m)	1892	---	---
Potassium	ppm ASTM D5185(m)	71	---	---

SCALE POTENTIAL

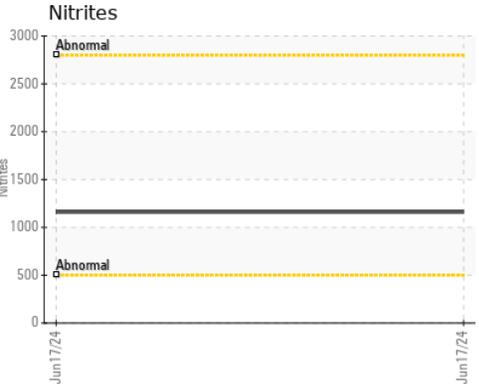
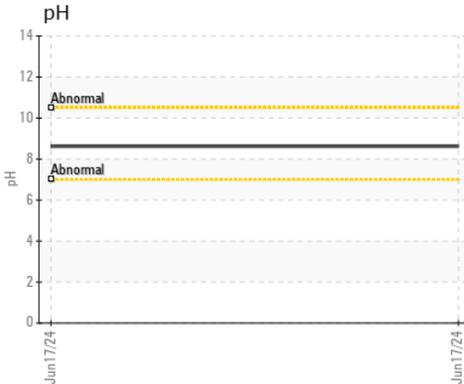
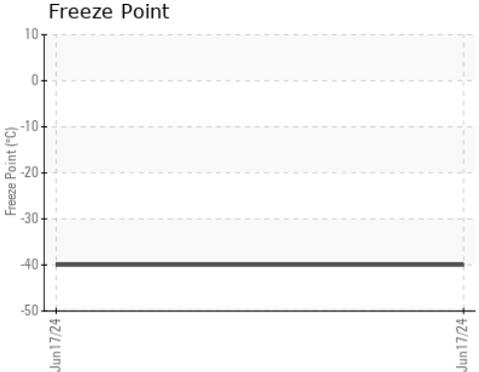
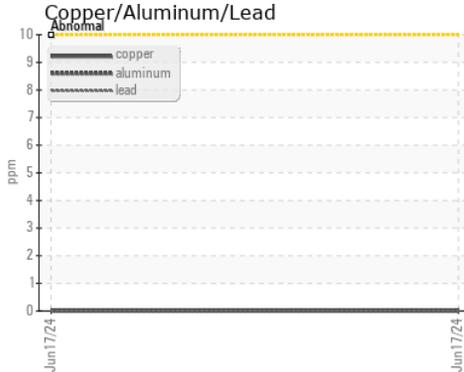
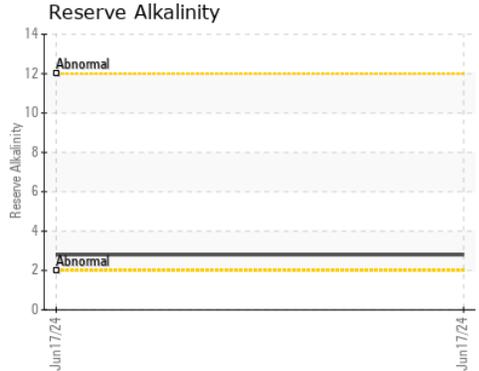
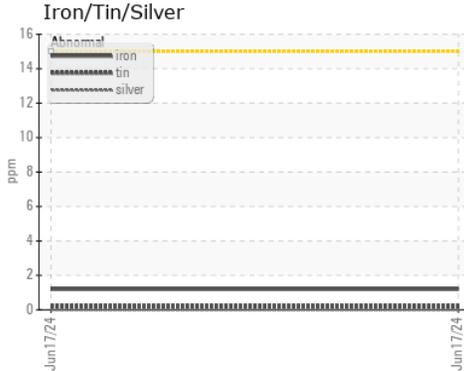
method	limit/base	current	history1	history2
Calcium	ppm ASTM D5185(m) >100	2	---	---
Magnesium	ppm ASTM D5185(m) >40	<1	---	---
Hardness	mg/L CaCO3 In-house* <75	8	---	---

COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020220 **Received** : 26 Jun 2024
Lab Number : **02644253** **Tested** : 26 Jun 2024
Unique Number : 5801792 **Diagnosed** : 27 Jun 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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