



COOLANT REPORT

Sample Rating Trend



NORMAL



Machine Id
[] NOT GIVEN WC0874814
 Component
Coolant
 Fluid
{not provided} (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. 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

Carboxylate test failed. 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		WC0874814	---	---
Sample Date	Client Info		06 Apr 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		---	---	---
Specific Gravity	*ASTM D1298		1.046	---	---
pH	Scale 0-14	ASTM D1287	7.51	---	---
Nitrites	ppm	AP-053:2009	600	---	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	33.9	---	---
Freezing Point	°F	ASTM D3321	0	---	---
Total Dissolved Solids			274.5	---	---
Carboxylate			fail	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	26	---	---
Phosphorus	ppm	ASTM D6130	4	---	---
Boron	ppm	ASTM D6130	0	---	---
Molybdenum	ppm	ASTM D6130	555	---	---

CORROSION

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

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		21	---

CARRIER SALTS

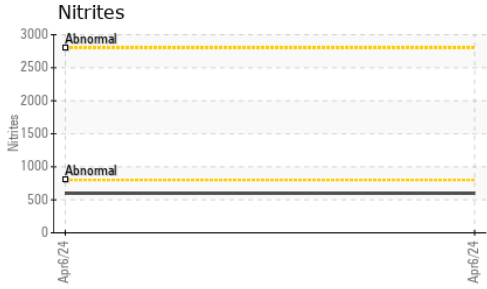
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		3715	---
Potassium	ppm	ASTM D6130		17	---



SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		9	---
Magnesium	ppm	ASTM D6130		7	---

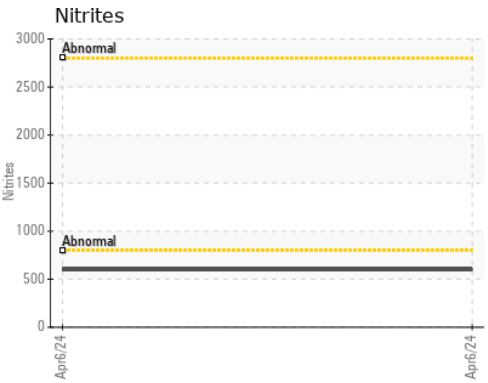
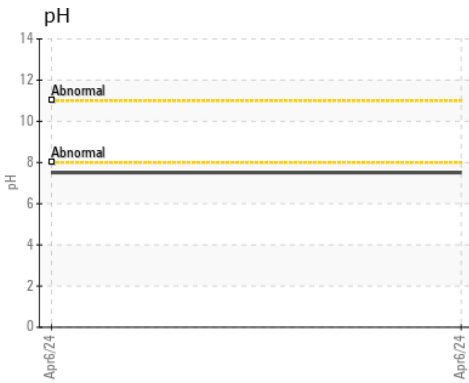
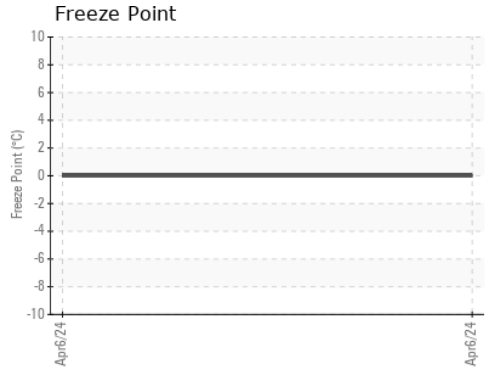
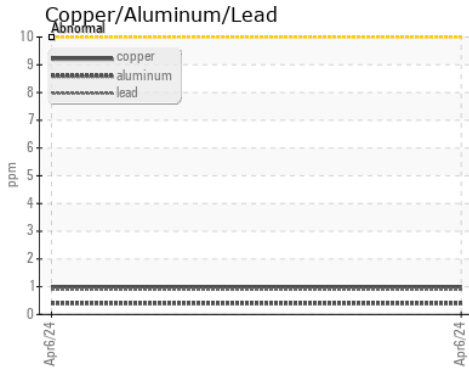
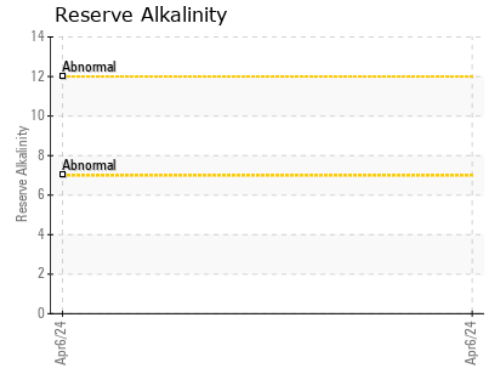
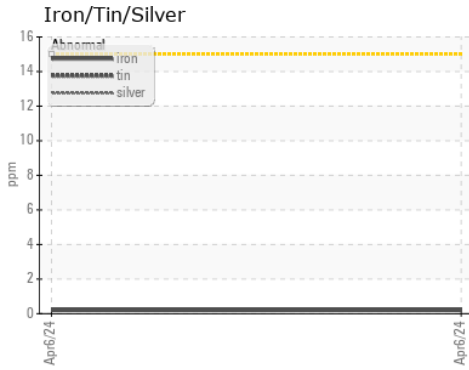


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WC0874814

Lab Number : 06140426

Unique Number : 10965234

Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP, KF)

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)

Received : 05 Apr 2024

Tested : 10 Apr 2024

Diagnosed : 10 Apr 2024 - Jonathan Hester

MARATHON PETROLEUM CO.

101 12TH ST

CATLETTSBURG, KY

US 41169

Contact: CORY GUMBERT

cagumbert@marathonpetroleum.com

T: (606)585-3950

F: x: