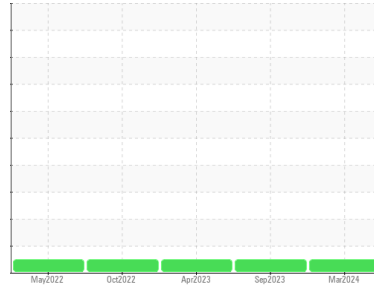




COOLANT REPORT

Sample Rating Trend

NORMAL



Area
Kenova
 Machine Id
[Kenova] Coolant - Port Genset
 Component
Coolant
 Fluid
HYBRID (HOAT) COOLANT (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The fluid is suitable for further service. (Customer Sample Comment: Coolant)

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		WC0805214	WC0805233	WC0735330
Sample Date	Client Info		11 Mar 2024	26 Sep 2023	11 Apr 2023
Machine Age	hrs	Client Info	1000	21633	19576
Oil Age	hrs	Client Info	0	0	0
Oil Changed		Client Info	N/A	N/A	N/A
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.056	1.054	1.052
pH	Scale 0-14	ASTM D1287	8.83	8.79	8.67
Nitrites	ppm	AP-053:2009	560	260	336
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	41.2	39.6	38.4
Freezing Point	°F	ASTM D3321	-15	-11	-9
Total Dissolved Solids			264.0	266.5	258.0
Carboxylate			fail	fail	fail

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	10	7	13
Phosphorus	ppm	ASTM D6130	1	1	0
Boron	ppm	ASTM D6130	74	8	5
Molybdenum	ppm	ASTM D6130	304	358	657

CORROSION

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D6130	>15	9	2	<1
Aluminum	ppm	ASTM D6130	>10	<1	1	<1
Copper	ppm	ASTM D6130	>10	<1	2	<1
Lead	ppm	ASTM D6130	>10	<1	<1	<1
Tin	ppm	ASTM D6130	>10	0	<1	<1
Zinc	ppm	ASTM D6130		0	<1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2	
Chlorine	ppm	ASTM D6130		11	16	30

CARRIER SALTS

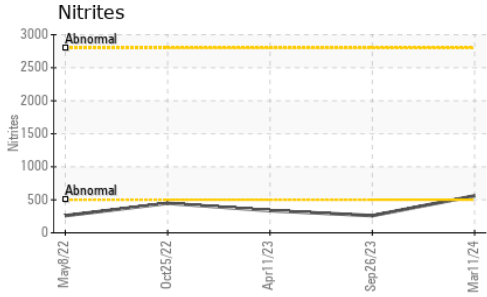
	method	limit/base	current	history1	history2	
Sodium	ppm	ASTM D6130		3075	3421	4974
Potassium	ppm	ASTM D6130		41	9	5

SCALE POTENTIAL

	method	limit/base	current	history1	history2	
Calcium	ppm	ASTM D6130		<1	3	4
Magnesium	ppm	ASTM D6130		1	4	6

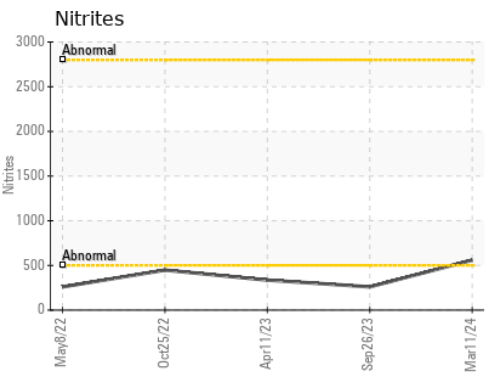
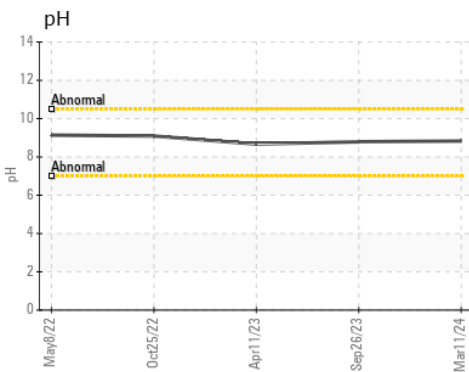
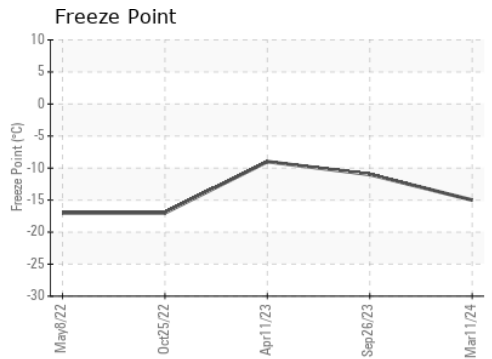
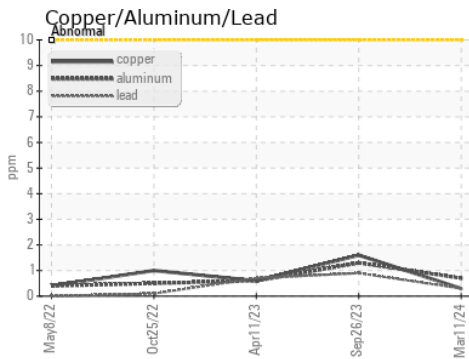
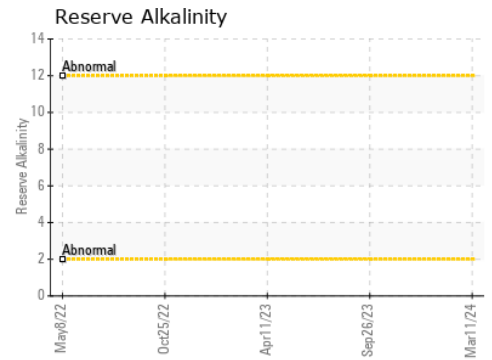
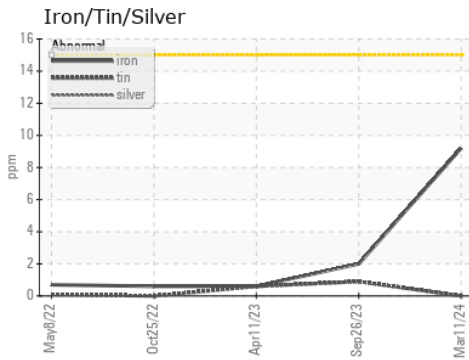


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Red	Red	Red
Coolant Appearance	*Visual	Clear	normal	normal	normal
Color					
Bottom					

GRAPHS



Certificate L2367

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

Sample No. : WC0805214

Lab Number : 06122870

Unique Number : 10937021

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

Received : 19 Mar 2024

Tested : 22 Mar 2024

Diagnosed : 22 Mar 2024 - Jonathan Hester

MARATHON PETROLEUM CO.

101 12TH ST

CATLETTSBURG, KY

US 41169

Contact: SHAWN MCCLASKEY

stmclaskey@marathonpetroleum.com

T: (606)739-2416

F: x:

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)