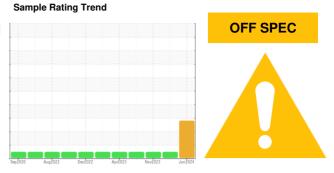


COOLANT REPORT

Findlay [Findlay] Coolant - Port Genset Coolant

CATERPILLAR ELC (20 GAL)



DIAGNOSIS

Recommendation

We recommend that you perform a partial drain and top off with straight antifreeze to increase level of glycol.

Corrosion

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

Contaminants

There is no indication of any contamination in the coolant.

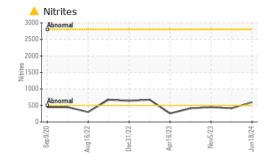
Coolant Condition

Carboxylate test failed. The glycol level is lower than acceptable. The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits.

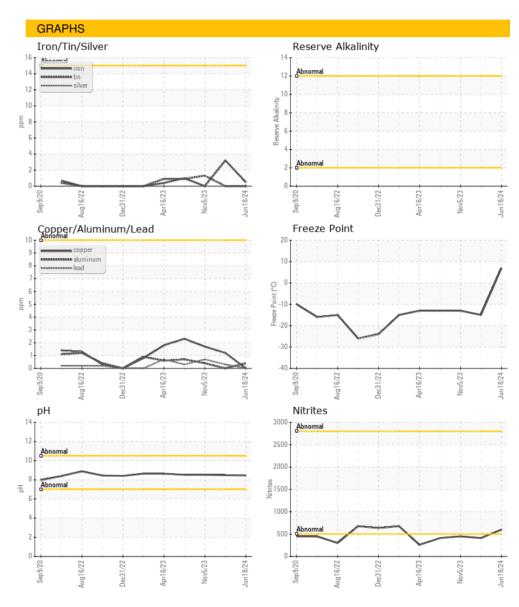
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0874697	WC0859879	WC0804917
Sample Date		Client Info		18 Jun 2024	23 Feb 2024	05 Nov 2023
Machine Age	hrs	Client Info		11806	10783	9547
Oil Age	hrs	Client Info		11806	0	9547
Oil Changed	0	Client Info		Not Changd	Not Changd	Not Changd
Sample Status		Olioni illio		ABNORMAL	NORMAL	NORMAL
PHYSICAL TEST R	ECHI TO	method	limit/base	current	history1	history2
	ESULIS		IIIIII/Dase		TilStory	HISTOTYZ
Glycol Type		FT-IR				
Specific Gravity	0 1 0 1 1	*ASTM D1298		1.038	1.056	1.055
pH	Scale 0-14	ASTM D1287		8.44	8.48	8.53
Nitrites	ppm	AP-053:2009		600	412	448
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		<u>^</u> 28.3	41.0	40.7
Freezing Point	°F	ASTM D3321		7	-15	-13
Total Dissolved Solids				223.5	244.0	324.0
Carboxylate				fail	fail	fail
CORROSION INHI	BITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	1	8	6
Phosphorus	ppm	ASTM D6130	0	0	0	2
Boron	ppm	ASTM D6130	0	0	0	0
Molybdenum	ppm	ASTM D6130	950	348	447	484
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	<1	3	0
Aluminum	ppm	ASTM D6130	>10	<1	0	<1
Copper	ppm	ASTM D6130	>10	0	1	2
Lead	ppm	ASTM D6130	>10	0	<1	<1
Tin	ppm	ASTM D6130	>10	0	0	1
Zinc	ppm	ASTM D6130		0	0	1
CONTAMINANTS		method	limit/base	current	history1	history2
	ppm	method ASTM D6130	limit/base	current 17	history1 8	history2 10
			limit/base			,
Chlorine	ppm	ASTM D6130		17	8	10
Chlorine CARRIER SALTS		ASTM D6130		17 current	8 history1	10 history2
Chlorine CARRIER SALTS Sodium	ppm ppm	ASTM D6130 method ASTM D6130		17 current 2386	8 history1 2944	10 history2 2975
Chlorine CARRIER SALTS Sodium Potassium	ppm ppm	ASTM D6130 method ASTM D6130 ASTM D6130	limit/base	17 current 2386 4	8 history1 2944 67	10 history2 2975 66



COOLANT REPORT



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







Certificate 12367

Laboratory Sample No.

: WC0874697 Lab Number : 06220310 Unique Number : 11098507

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested** Diagnosed

: 25 Jun 2024 : 27 Jun 2024

: 27 Jun 2024 - Jonathan Hester Test Package : COOL- (Additional Tests: GlycolType, ICP, KF)

MARATHON PETROLEUM CO. 101 12TH ST CATLETTSBURG, KY US 41169 Contact: CORY GUMBERT

cagumbert@marathonpetroleum.com

* - 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) T: (606)585-3950 F: x: