

WCLSNC

COOLANT REPORT

Component

Coolant

CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)

QC COOL ELC NC 09012022





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.

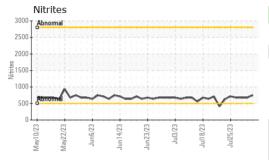
Coolant Condition

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

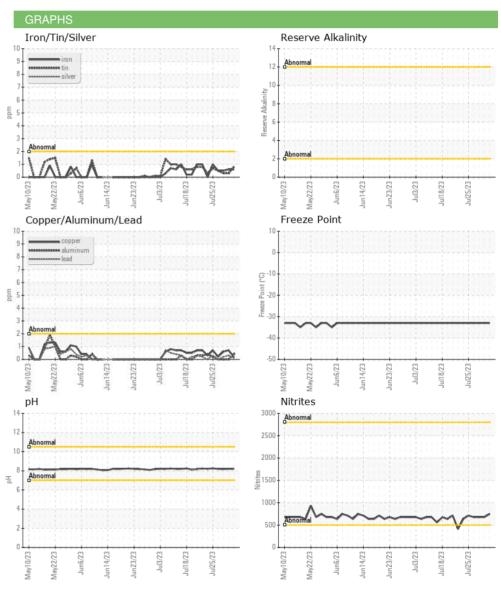
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0843282	WC0843280	WC0843279
Sample Date		Client Info		11 Aug 2023	09 Aug 2023	08 Aug 2023
Machine Age	hrs	Client Info		0	0 Aug 2020	0 Aug 2020
Oil Age	hrs	Client Info		0	0	0
Oil Changed	1113	Client Info		N/A	N/A	N/A
Sample Status		Ciletit IIIIO		NORMAL	NORMAL	NORMAL
•				NONWAL	NORWAL	NONWAL
PHYSICAL TEST F	RESULTS	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.067	1.067	1.067
pH	Scale 0-14	ASTM D1287		8.20	8.21	8.17
Nitrites	ppm	AP-053:2009		748	676	676
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		49.7	49.7	49.6
Freezing Point	°F	ASTM D3321		-33	-33	-33
Total Dissolved Solids				312.5	337.5	339.0
Carboxylate				fail	pass	pass
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	10	16	15
Phosphorus	ppm	ASTM D6130	0	0	0	0
Boron	ppm	ASTM D6130	0	0	2	5
Molybdenum	ppm	ASTM D6130	950	1013	926	877
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>2	<1	<1	<1
Aluminum	ppm	ASTM D6130	>2	<1	0	0
Copper	ppm	ASTM D6130	>2	<1	<1	<1
Lead	ppm	ASTM D6130	>2	<1	<1	<1
Tin	ppm	ASTM D6130	>2	<1	<1	<1
Zinc	ppm	ASTM D6130	>2	0	0	0
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		19	18	23
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		5413	4842	4781
Potassium	ppm	ASTM D6130		0	10	12
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium		ASTM D6130	>5	0	0	0
	ppm	ASTM D6130		0	0	0
Magnesium	ppm	49 HVI D0130	>0	U	U	U



COOLANT REPORT



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





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number**

: WC0843282 : 05922621 : 10602568

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 11 Aug 2023

Diagnosed : 16 Aug 2023 Diagnostician : Jonathan Hester

Test Package : COOL- (Additional Tests: COOL, ICP)

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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.

WEARCHECK LUBRICATION SERVICES QA ACCOUNT

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