

COOLANT REPORT

WCLSNC

Component Coolant

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

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.





NORMAL

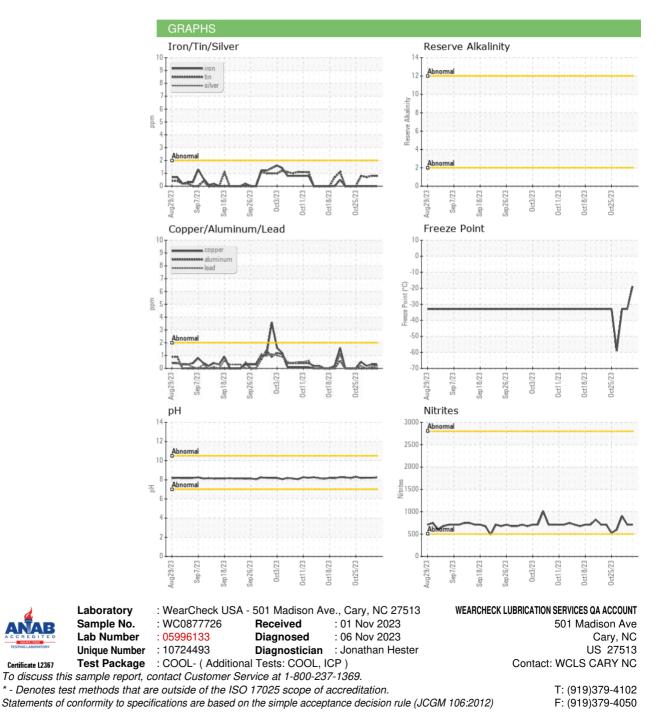
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0877726	WC0865916	WC0865915
Sample Date		Client Info		01 Nov 2023	31 Oct 2023	30 Oct 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
PHYSICAL TEST R	ESULTS	method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		1.059	1.067	1.067
рН	Scale 0-14	ASTM D1287		8.25	8.21	8.22
Nitrites	ppm	AP-053:2009		712	712	900
Reserve Alkalinity	Scale 0-20	*ASTM D1121				
Percentage Glycol	%	ASTM D3321		43.7	49.3	49.5
Freezing Point	°F	ASTM D3321		-19	-33	-33
Total Dissolved Solids				277.5	329.0	314.5
Carboxylate				fail	fail	fail
CORROSION INH	IBITORS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	<1	1	3
Phosphorus	ppm	ASTM D6130	0	3	4	0
Boron	ppm	ASTM D6130	0	0	0	0
Molybdenum	ppm	ASTM D6130	950	657	652	702
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>2	0	0	0
Aluminum	ppm	ASTM D6130	>2	0	0	0
Copper	ppm	ASTM D6130	>2	<1	<1	<1
Lead	ppm	ASTM D6130	>2	<1	<1	0
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		9	9	0
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		3775	3813	3887
Potassium	ppm	ASTM D6130		6	4	12
SCALE POTENTI	AL	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	>5	0	0	0
Magnesium	ppm	ASTM D6130	>6	<1	<1	<1



COOLANT REPORT



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



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Submitted By: ?