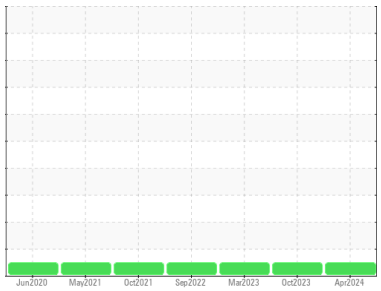
COOLANT REPORT

Area
COLORADO/443/EG - SCRAPER
Machine Id
76.34L [COLORADO^443^EG - SCRAPER]
Component
Coolant
Fluid
CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)

Sample Rating Trend



NORMAL

DIAGNOSIS

Recommendation
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
Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits. The carboxylate level of this fluid is acceptable.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**WC0883939**	WC0859706	WC0766209
Sample Date		Client Info		**03 Apr 2024**	27 Oct 2023	13 Mar 2023
Machine Age	hrs	Client Info		**16506**	16499	16250
Oil Age	hrs	Client Info		**16506**	16499	16250
Oil Changed		Client Info		**Not Changd**	Not Changd	Not Changd
Sample Status				**NORMAL**	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type		FT-IR		**---**	---	---
Specific Gravity		*ASTM D1298		**1.067**	1.067	1.068
pH	Scale 0-14	ASTM D1287		**8.00**	7.96	7.66
Nitrites	ppm	AP-053:2009		**788**	936	600
Reserve Alkalinity	Scale 0-20	*ASTM D1121		**---**	---	---
Percentage Glycol	%	ASTM D3321		**49.8**	49.9	50.5
Freezing Point	°F	ASTM D3321		**-33**	-33	-35
Total Dissolved Solids				**321.5**	369.0	327.5
Carboxylate				**pass**	pass	fail

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	0	**3**	4	30
Phosphorus	ppm	ASTM D6130	0	**0**	4	0
Boron	ppm	ASTM D6130	0	**0**	<1	0
Molybdenum	ppm	ASTM D6130	950	**670**	671	1200

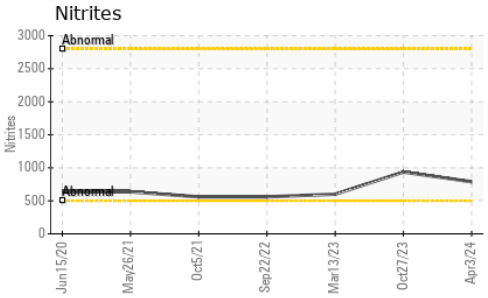
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	**0**	0	0
Aluminum	ppm	ASTM D6130	>10	**1**	0	0
Copper	ppm	ASTM D6130	>10	**<1**	<1	1
Lead	ppm	ASTM D6130	>10	**<1**	<1	0
Tin	ppm	ASTM D6130	>10	**<1**	<1	<1
Zinc	ppm	ASTM D6130		**0**	0	<1

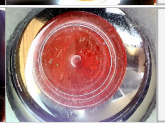
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		**15**	16	28

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		**4055**	3945	6343
Potassium	ppm	ASTM D6130		**19**	22	4

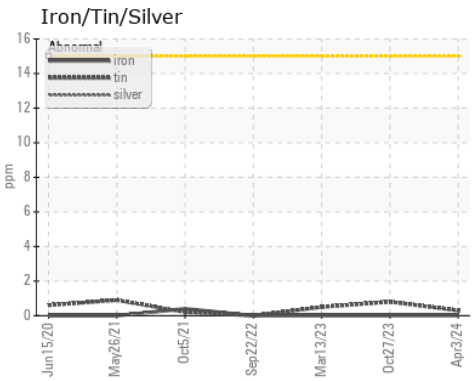
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		**<1**	<1	4
Magnesium	ppm	ASTM D6130		**1**	1	2

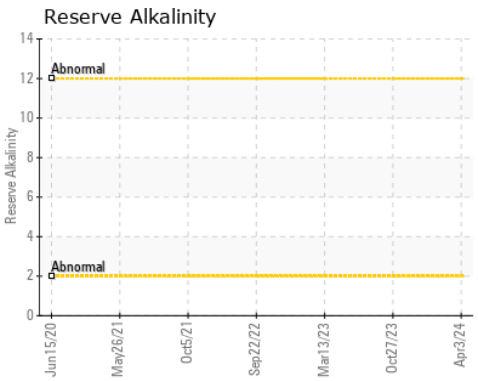
COOLANT REPORT

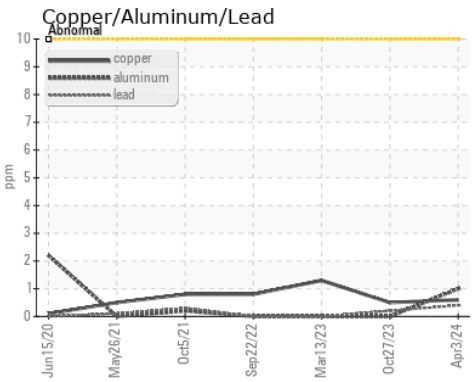


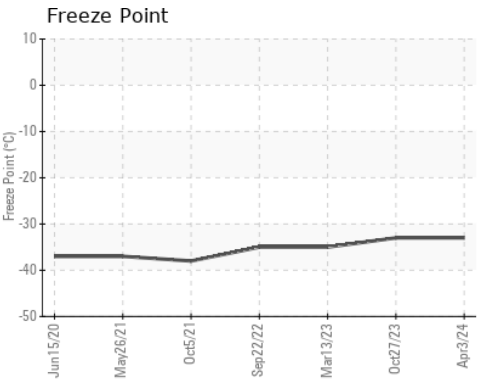
VISUAL		method	limit/base	current	history1	history2
Coolant Color		*Visual		**Red**	Red	Red
Coolant Appearance		*Visual	Clear	**normal**	normal	normal
Color				 		*no image*
Bottom				 		*no image*

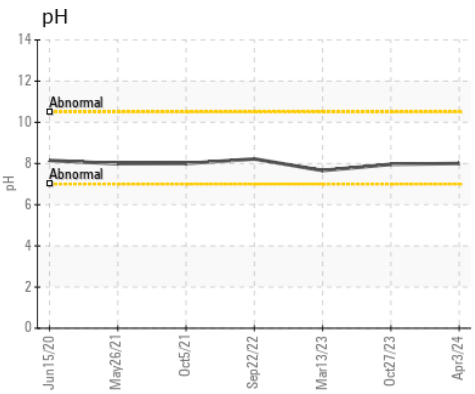
GRAPHS

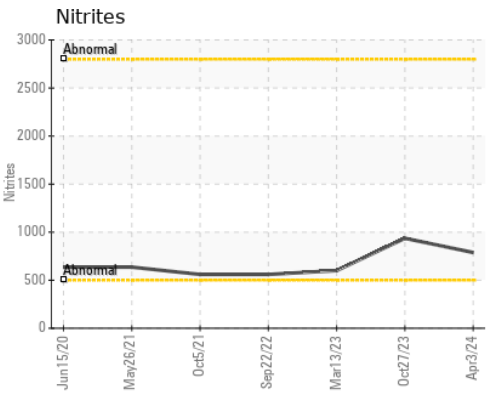












Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0883939 **Received** : 08 Apr 2024
Lab Number : 06142669 **Tested** : 11 Apr 2024
Unique Number : 10967477 **Diagnosed** : 11 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

Certificate L2367

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)

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Report Id: SHEWIC [WUSCAR] 06142669 (Generated: 04/12/2024 11:49:15) Rev: 1
Submitted By: BRANDEN JAQUIAS