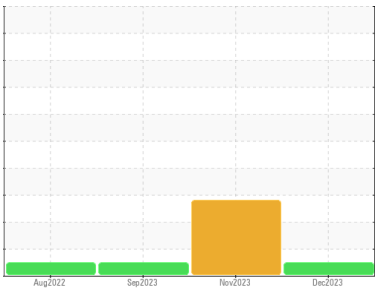
COOLANT REPORT

Sample Rating Trend



NORMAL

Machine Id
WEG
Component
Coolant
Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation
No corrective action is recommended at this time. Resample at the next service interval to monitor.

Corrosion
All component wear rates are normal.

Contaminants
There is no indication of any contamination in the coolant. The amount and size of particulates present in the system are acceptable.

Coolant Condition
The glycol level is acceptable. The pH level of this fluid is within the acceptable limits at 9.4.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**WC0820262**	WC0820270	WC0820277
Sample Date		Client Info		**05 Dec 2023**	14 Nov 2023	07 Sep 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**	ABNORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		**1.061**	---	1.062
pH	Scale 0-14	ASTM D1287		**9.40**	---	9.31
Nitrites	ppm	AP-053:2009		**0**	---	0
Reserve Alkalinity	Scale 0-20	*ASTM D1121		**---**	---	---
Percentage Glycol	%	ASTM D3321		**45.3**	---	45.4
Freezing Point	°F	ASTM D3321		**-24**	---	-24
Total Dissolved Solids				**0.0**	---	0.0
Carboxylate				**n/a**	---	pass

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		**16**	1	2
Phosphorus	ppm	ASTM D6130		**1725**	1671	2920
Boron	ppm	ASTM D6130		**2**	2	7
Molybdenum	ppm	ASTM D6130		**2**	3	2

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

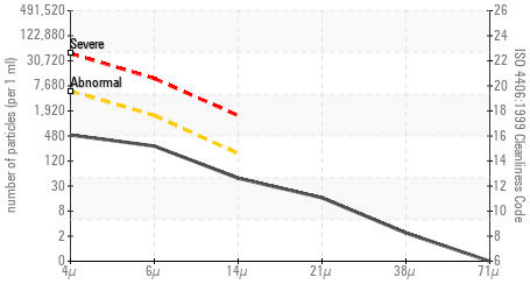
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		**16**	8	8
Particles >4µm		ASTM D7647	>5000	**444**	▲ 8326	1514
Particles >6µm		ASTM D7647	>1300	**242**	▲ 4535	825
Particles >14µm		ASTM D7647	>160	**41**	▲ 772	140
Particles >21µm		ASTM D7647	>40	**14**	▲ 260	47
Particles >38µm		ASTM D7647	>10	**2**	▲ 40	7
Particles >71µm		ASTM D7647	>3	**0**	▲ 4	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14	**16/15/13**	▲ 20/19/17	18/17/14

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		**131**	125	205
Potassium	ppm	ASTM D6130		**5178**	5183	8612

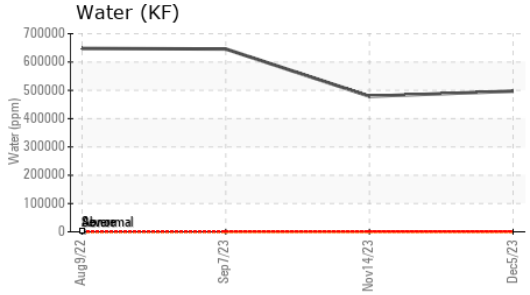
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		**1**	2	<1
Magnesium	ppm	ASTM D6130		**<1**	2	0

COOLANT REPORT

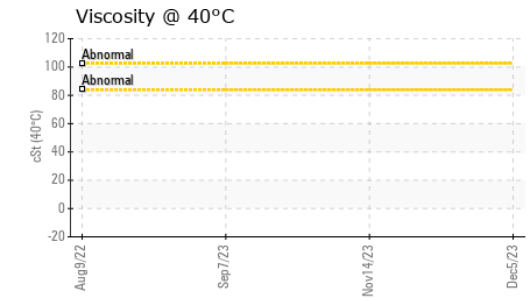
Particle Count



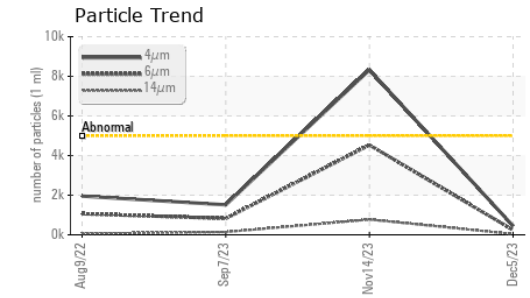
Water (KF)



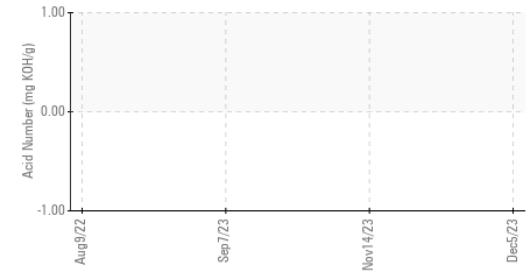
Viscosity @ 40°C

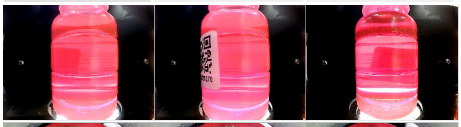


Particle Trend



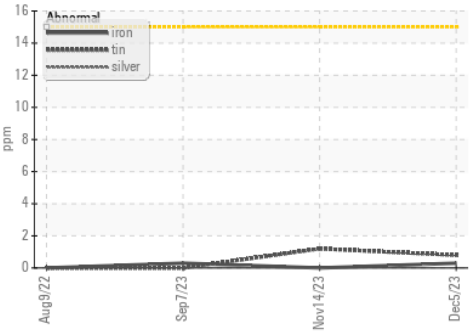
Acid Number



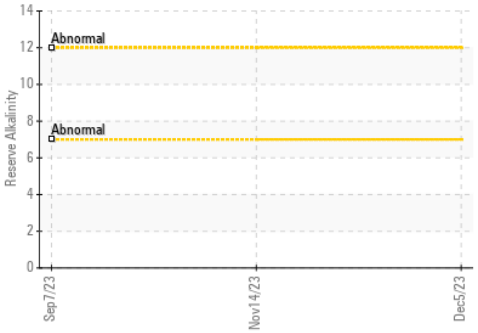
VISUAL		method	limit/base	current	history1	history2
Coolant Color		*Visual		**Pink**	---	Red
Coolant Appearance		*Visual	Clear	**normal**	---	normal
Color						
Bottom						

GRAPHS

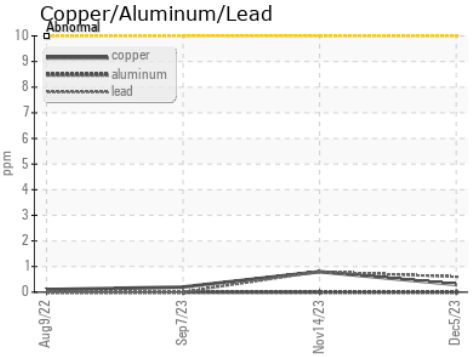
Iron/Tin/Silver



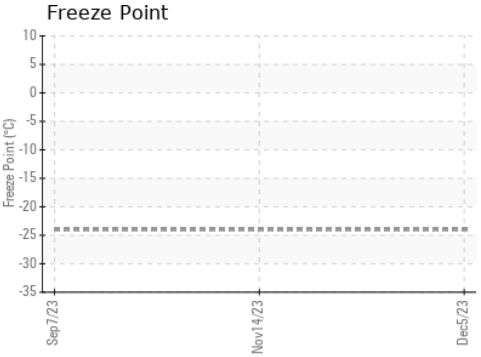
Reserve Alkalinity



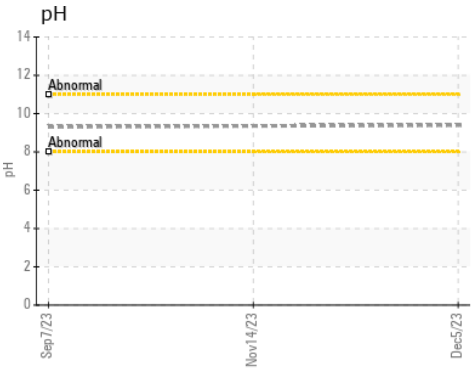
Copper/Aluminum/Lead



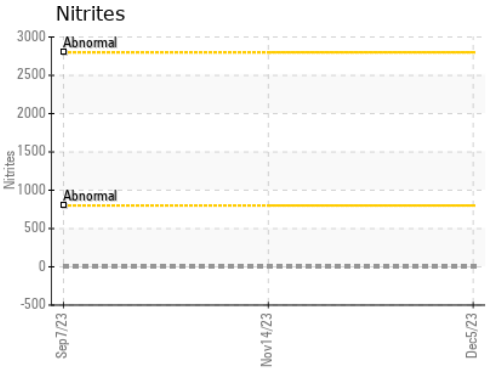
Freeze Point



pH



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0820262 **Recieved** : 08 Dec 2023
Lab Number : 06030125 **Diagnosed** : 26 Dec 2023
Unique Number : 10779916 **Diagnostician** : Doug Bogart
Test Package : IND 2 (Additional Tests: COOL, KF, pH, PrtCount)

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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