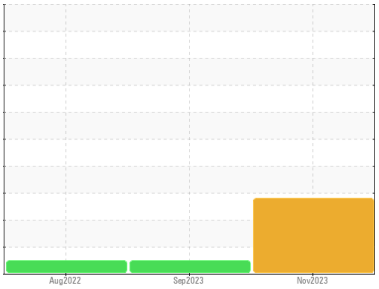
PROBLEM SUMMARY

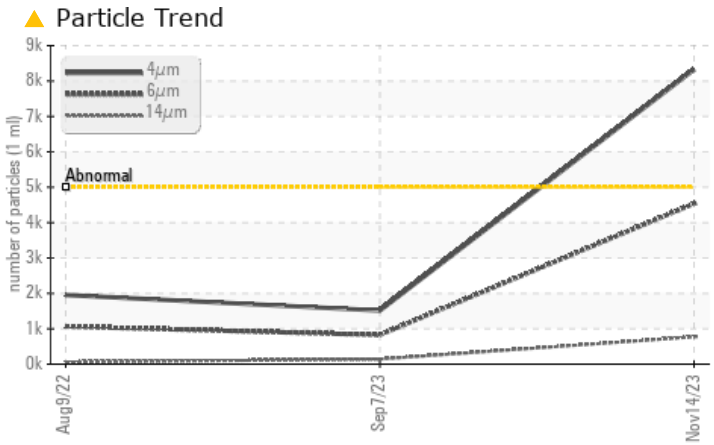
Sample Rating Trend



ISO

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

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	NORMAL	NORMAL
Particles >4µm		ASTM D7647	>5000	▲ **8326**	1514	1955
Particles >6µm		ASTM D7647	>1300	▲ **4535**	825	1065
Particles >14µm		ASTM D7647	>160	▲ **772**	140	61
Particles >21µm		ASTM D7647	>40	▲ **260**	47	9
Particles >38µm		ASTM D7647	>10	▲ **40**	7	1
Particles >71µm		ASTM D7647	>3	▲ **4**	1	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ **20/19/17**	18/17/14	18/17/13

Customer Id: UGIMESWC
Sample No.: WC0820270
Lab Number: 06014407
Test Package: IND 2

To manage this report scan the QR code

To discuss the diagnosis or test data:
Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.

HISTORICAL DIAGNOSIS

07 Sep 2023 Diag: Doug Bogart

NORMAL

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the coolant. The amount and size of particulates present in the system are acceptable. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits at 9.3.

view report

09 Aug 2022 Diag: Doug Bogart

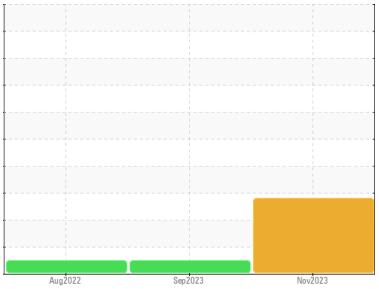
NORMAL

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the coolant. The amount and size of particulates present in the system are acceptable. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits at 9.4.

view report

OIL ANALYSIS REPORT

Sample Rating Trend



ISO

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

DIAGNOSIS

Recommendation
We recommend you service the filters on this component. Resample at the next service interval to monitor.

Corrosion
All component wear rates are normal.

Contaminants
There is a high amount of particulates present in the coolant.

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		**WC0820270**	WC0820277	WC0711738
Sample Date		Client Info		**14 Nov 2023**	07 Sep 2023	09 Aug 2022
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				**ABNORMAL**	NORMAL	NORMAL

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

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D6130		**2**	7	5
Molybdenum	ppm	ASTM D6130		**3**	2	3
Magnesium	ppm	ASTM D6130		**2**	0	<1
Calcium	ppm	ASTM D6130		**2**	<1	<1
Phosphorus	ppm	ASTM D6130		**1671**	2920	1470
Zinc	ppm	ASTM D6130		**<1**	0	0
Sulfur	ppm	ASTM D6130		**34**	21	20

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		**1**	2	6
Sodium	ppm	ASTM D6130		**125**	205	127
Potassium	ppm	ASTM D6130	>20	**5183**	8612	3028
Chlorine	ppm	ASTM D6130		**8**	8	4
Water	%	ASTM D6304		**47.9**	64.6	64.8
ppm Water	ppm	ASTM D6304		**479000**	646000	648000

FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	▲ **8326**	1514	1955
Particles >6µm		ASTM D7647	>1300	▲ **4535**	825	1065
Particles >14µm		ASTM D7647	>160	▲ **772**	140	61
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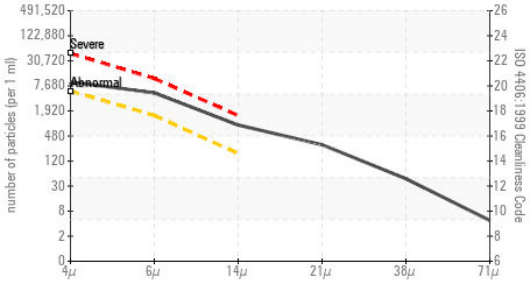
Particles >71µm		ASTM D7647	>3	▲ **4**	1	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	▲ **20/19/17**	18/17/14	18/17/13

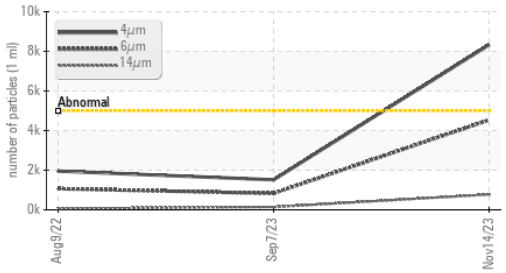
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	**NONE**	NONE	NONE
Precipitate	scalar	*Visual	NONE	**NONE**	NONE	NONE
Silt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Debris	scalar	*Visual	NONE	**NONE**	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	**NONE**	NONE	NONE
Appearance	scalar	*Visual	NORML	**NORML**	NORML	NORML
Odor	scalar	*Visual	NORML	**NORML**	NORML	NORML
Emulsified Water	scalar	*Visual		**NEG**	NEG	NEG
Free Water	scalar	*Visual		**NEG**	NEG	NEG

OIL ANALYSIS REPORT

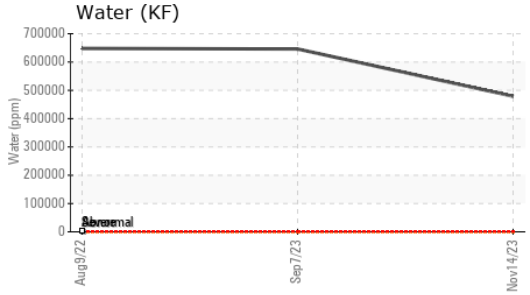
Particle Count



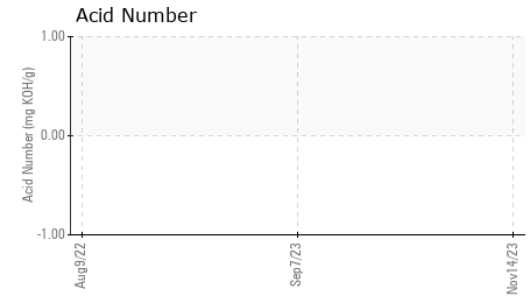
Particle Trend



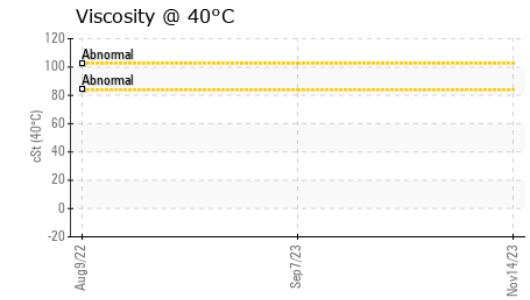
Water (KF)



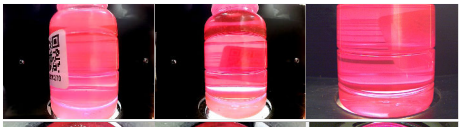
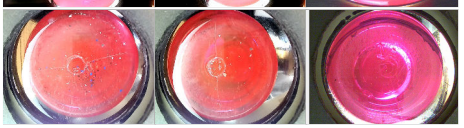
Acid Number



Viscosity @ 40°C

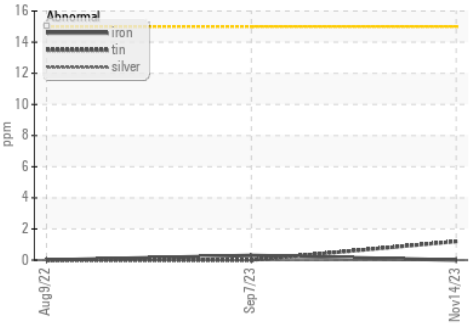


FLUID PROPERTIES		method	limit/base	current	history1	history2
pH	Scale 0-14	ASTM D1287		**9.35**	9.31	9.42

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

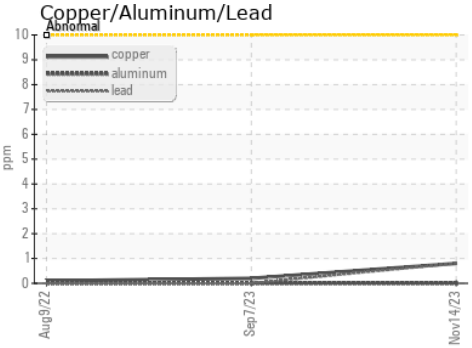
GRAPHS

Iron/Tin/Silver

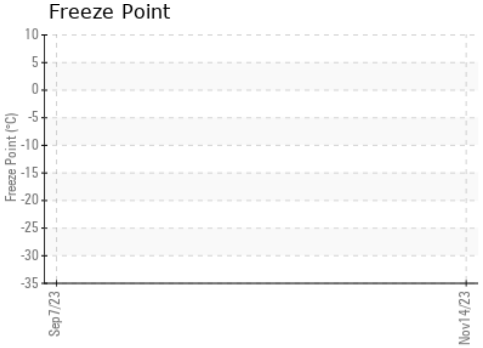


Reserve Alkalinity

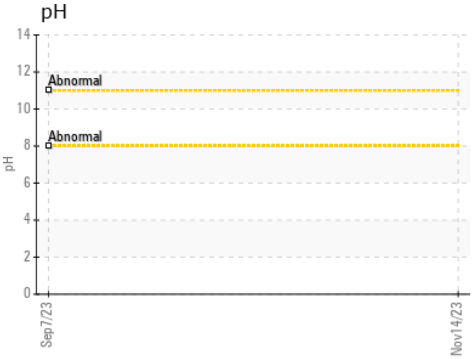
Copper/Aluminum/Lead



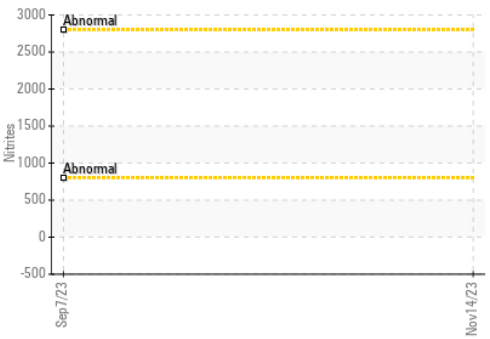
Freeze Point



pH



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0820270 **Received** : 21 Nov 2023
Lab Number : 06014407 **Diagnosed** : 07 Dec 2023
Unique Number : 10753551 **Diagnostician** : Doug Bogart
Test Package : IND 2 (Additional Tests: 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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