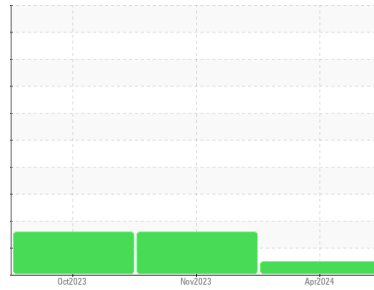




# GREASE ANALYSIS

Sample Rating Trend



**NORMAL**



Area  
**CHEESE DEPT [1967867]**  
 Machine Id  
**VT09AG02-SEC-GREASE**  
 Component  
**Grease**  
 Fluid  
**MOBIL MOBILITH SHC 007 (2 GAL)**

## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time.

### Wear

All component wear rates are normal.

### Grease Condition

The condition of the grease is acceptable for the time in service.

### Contaminants

There is no indication of any contamination in the grease.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0927395</b>	WC0874221	WC0874209
Sample Date	Client Info			<b>30 Apr 2024</b>	23 Nov 2023	31 Oct 2023
Machine Age	hrs	Client Info		<b>0</b>	0	0
Grease Age	hrs	Client Info		<b>0</b>	0	0
Grease Serviced	Client Info			<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	ABNORMAL

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>200	<b>21</b>	16	13
Iron	ppm	ASTM D5185m	>250	<b>&lt;1</b>	2	2
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	<1
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
Lead	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	0
Copper	ppm	ASTM D5185m	>75	<b>&lt;1</b>	3	<1
Tin	ppm	ASTM D5185m	>5	<b>0</b>	<1	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	<1	<1

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1	<b>231</b>	317	224
Magnesium	ppm	ASTM D5185m	0	<b>&lt;1</b>	<1	<1
Manganese	ppm	ASTM D5185m	0	<b>0</b>	<1	0
Molybdenum	ppm	ASTM D5185m	4	<b>&lt;1</b>	3	<1
Phosphorus	ppm	ASTM D5185m	180	<b>1864</b>	2648	1712
Zinc	ppm	ASTM D5185m	140	<b>2866</b>	3811	2628

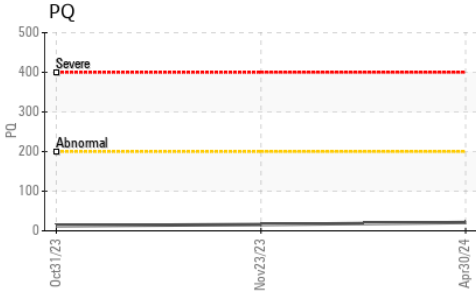
THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	0	<b>0</b>	<1	0
Barium	ppm	ASTM D5185m	0	<b>&lt;1</b>	1	<1
Calcium	ppm	ASTM D5185m	3	<b>3</b>	4	2
Sodium	ppm	ASTM D5185m	12	<b>11</b>	14	18
Lithium	ppm	ASTM D5185m		<b>1438</b>	1577	1082
Sulfur	ppm	ASTM D5185m	650	<b>6962</b>	9162	6595

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	<b>4</b>	▲ 366	▲ 221
Potassium	ppm	ASTM D5185m		<b>5</b>	6	6
Water	%	ASTM D6304	>0.1	<b>NEG</b>	NEG	NEG

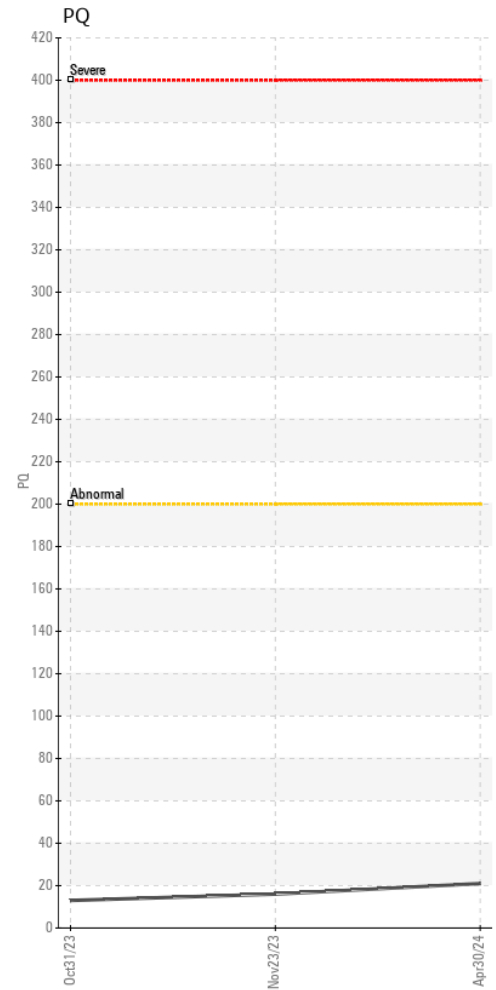
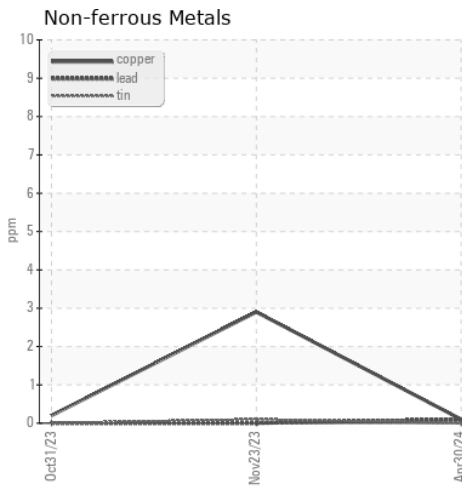
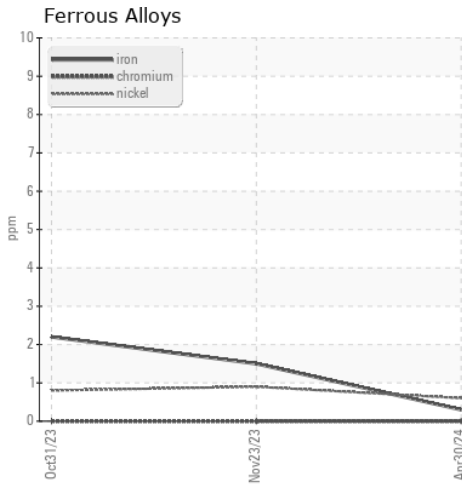
SAMPLE IMAGES		method	limit/base	current	history1	history2
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Color				no image		
Bottom				no image		

# GREASE ANALYSIS



## GRAPHS



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)

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0927395      **Received** : 17 Jun 2024  
**Lab Number** : 06213058      **Tested** : 21 Jun 2024  
**Unique Number** : 11085922      **Diagnosed** : 21 Jun 2024 - Doug Bogart  
**Test Package** : IND 1 ( Additional Tests: KF, PQ )

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