



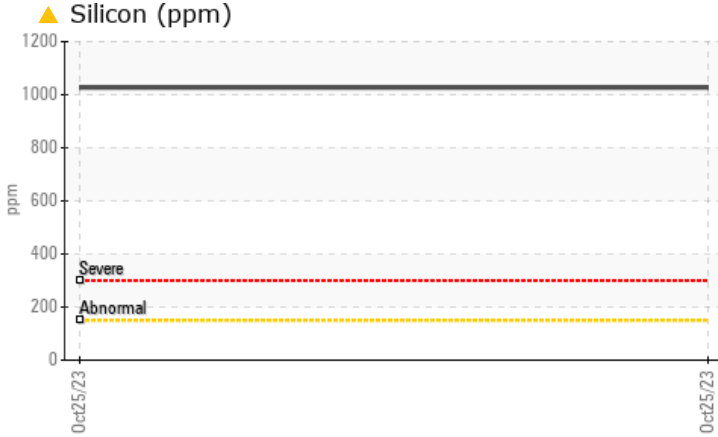
# PROBLEM SUMMARY

Sample Rating Trend



Area  
**CHEESE DEPT [1844401]**  
 Machine Id  
**VT03AG02-SEC-GREASE**  
 Component  
**Grease**  
 Fluid  
**MOBIL MOBILITH SHC 007 (2 GAL)**

## COMPONENT CONDITION SUMMARY



## RECOMMENDATION

No corrective action is recommended at this time. Please submit a sample of the new (unused) oil to establish a baseline.

## PROBLEMATIC TEST RESULTS

Sample Status				<b>ABNORMAL</b>	---	---
Silicon	ppm	ASTM D5185m	>150	▲ 1027	---	---

Customer Id: LEPCRE  
 Sample No.: WC0848004  
 Lab Number: 06000178  
 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](mailto:dougb@wearcheckusa.com)

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

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Resample	---	---	?	Please submit a sample of the new (unused) oil to establish a baseline.

## HISTORICAL DIAGNOSIS



# GREASE ANALYSIS

Sample Rating Trend



**DIRT**



Area  
**CHEESE DEPT [1844401]**  
 Machine Id  
**VT03AG02-SEC-GREASE**  
 Component  
**Grease**  
 Fluid  
**MOBIL MOBILITH SHC 007 (2 GAL)**

## DIAGNOSIS

### ▲ Recommendation

No corrective action is recommended at this time. Please submit a sample of the new (unused) oil to establish a baseline.

### Wear

All component wear rates are normal.

### Grease Condition

Confirm grease type.

### ▲ Contaminants

Elemental level of silicon (Si) above normal.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0848004</b>	---	---
Sample Date	Client Info		<b>25 Oct 2023</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Grease Age	hrs	Client Info	<b>0</b>	---	---
Grease Serviced	Client Info		<b>N/A</b>	---	---
Sample Status			<b>ABNORMAL</b>	---	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184	>200	<b>15</b>	---	---
Iron	ppm	ASTM D5185m	>250	<b>7</b>	---
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	---
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	---
Titanium	ppm	ASTM D5185m		<b>0</b>	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	---
Lead	ppm	ASTM D5185m	>25	<b>0</b>	---
Copper	ppm	ASTM D5185m	>75	<b>&lt;1</b>	---
Tin	ppm	ASTM D5185m	>5	<b>0</b>	---
Silver	ppm	ASTM D5185m	>5	<b>&lt;1</b>	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1	<b>208</b>	---
Magnesium	ppm	ASTM D5185m	0	<b>&lt;1</b>	---
Manganese	ppm	ASTM D5185m	0	<b>0</b>	---
Molybdenum	ppm	ASTM D5185m	4	<b>4</b>	---
Phosphorus	ppm	ASTM D5185m	180	<b>1569</b>	---
Zinc	ppm	ASTM D5185m	140	<b>2416</b>	---

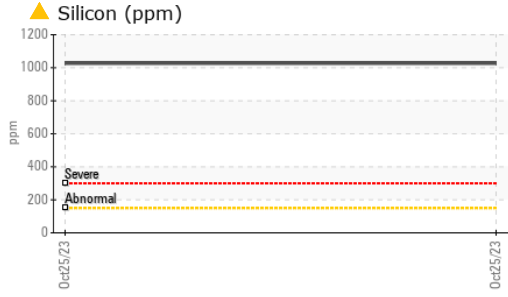
## THICKENER/SOAP

	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	0	<b>0</b>	---
Barium	ppm	ASTM D5185m	0	<b>&lt;1</b>	---
Calcium	ppm	ASTM D5185m	3	<b>2</b>	---
Sodium	ppm	ASTM D5185m	12	<b>24</b>	---
Lithium	ppm	ASTM D5185m		<b>909</b>	---
Sulfur	ppm	ASTM D5185m	650	<b>6114</b>	---

## CONTAMINANTS

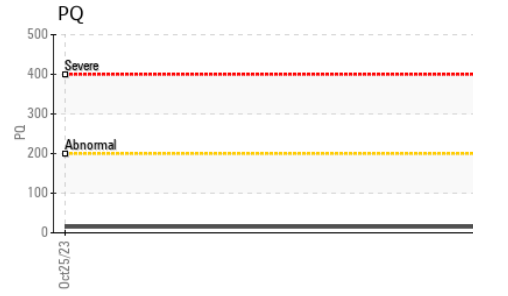
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	<b>▲ 1027</b>	---
Potassium	ppm	ASTM D5185m		<b>9</b>	---

# GREASE ANALYSIS

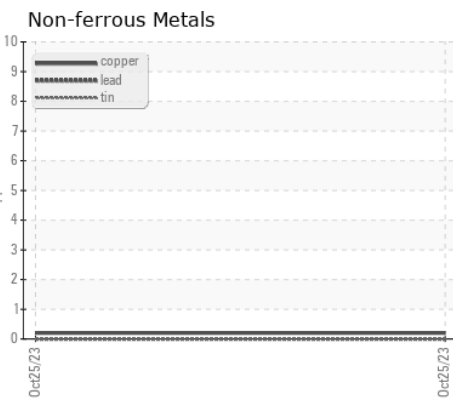
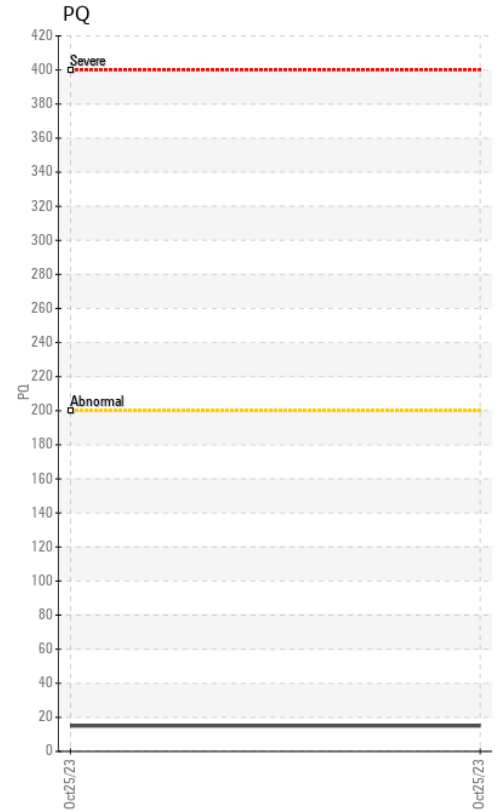
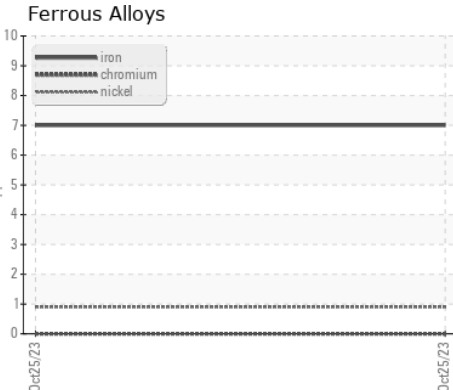


SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image
Bottom				no image	no image



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0848004     **Received** : 06 Nov 2023  
**Lab Number** : 06000178     **Diagnosed** : 20 Nov 2023  
**Unique Number** : 10728538     **Diagnostician** : Doug Bogart  
**Test Package** : IND 2 ( Additional Tests: PQ )

**LEPRINO FOODS-GREELEY**  
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 GREELEY, CO  
 US 80631-5909  
 Contact: MARK HERGENRETER  
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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)