



# PROBLEM SUMMARY

Sample Rating Trend



Area  
**CHEESE DEPT [1844399]**  
 Machine Id  
**VT03AG01-SEC-GREASE**  
 Component  
**Grease**  
 Fluid  
**MOBIL SHC CIBUS 220 (2 GAL)**

## COMPONENT CONDITION SUMMARY

▲ Silicon (ppm)



## 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	▲ 394	---	---

Customer Id: LEPCRE  
 Sample No.: WC0848003  
 Lab Number: 06000179  
 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 [1844399]**  
 Machine Id  
**VT03AG01-SEC-GREASE**  
 Component  
**Grease**  
 Fluid  
**MOBIL SHC CIBUS 220 (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>WC0848003</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>	---	---

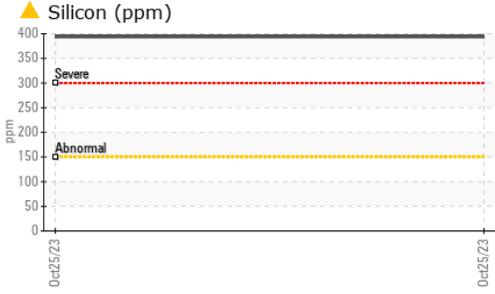
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>200	<b>15</b>	---	---
Iron	ppm	ASTM D5185m	>250	<b>4</b>	---	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185m	>5	<b>1</b>	---	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	---	---
Titanium	ppm	ASTM D5185m		<b>0</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		<b>229</b>	---	---
Magnesium	ppm	ASTM D5185m		<b>0</b>	---	---
Manganese	ppm	ASTM D5185m		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Phosphorus	ppm	ASTM D5185m		<b>1749</b>	---	---
Zinc	ppm	ASTM D5185m		<b>2679</b>	---	---

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Calcium	ppm	ASTM D5185m		<b>2</b>	---	---
Sodium	ppm	ASTM D5185m		<b>19</b>	---	---
Lithium	ppm	ASTM D5185m		<b>1031</b>	---	---
Sulfur	ppm	ASTM D5185m		<b>6685</b>	---	---

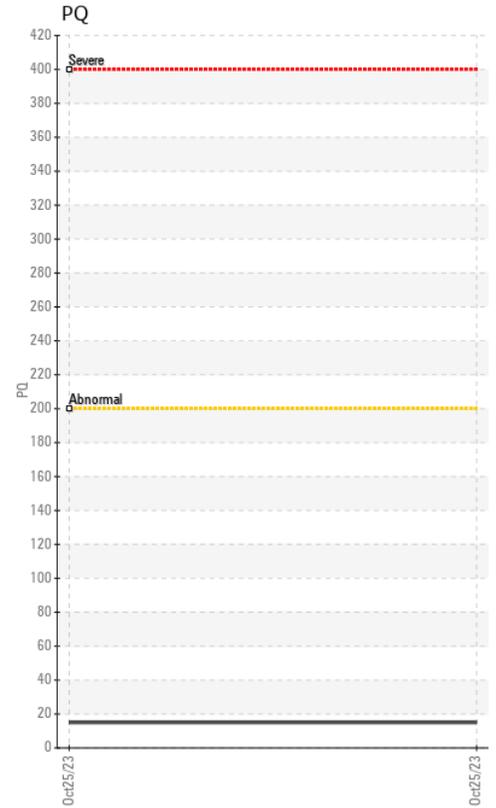
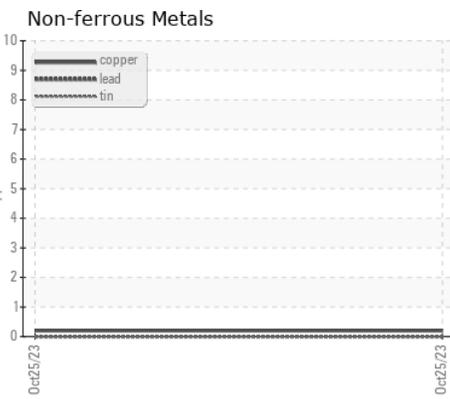
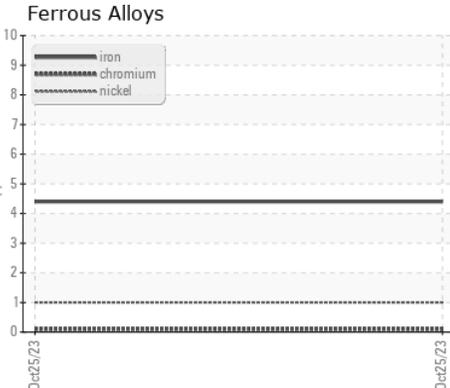
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	<b>▲ 394</b>	---	---
Potassium	ppm	ASTM D5185m		<b>10</b>	---	---

# GREASE ANALYSIS



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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0848003      **Received** : 06 Nov 2023  
**Lab Number** : 06000179      **Diagnosed** : 20 Nov 2023  
**Unique Number** : 10728539      **Diagnostician** : Doug Bogart  
**Test Package** : IND 2 ( Additional Tests: PQ )

**LEPRINO FOODS-GREELEY**  
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 GREELEY, CO  
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 F: (970)347-5190

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)