



# GREASE ANALYSIS

Sample Rating Trend



DIRT



Area  
**CHEESE DEPT**  
 Machine Id  
**VT06AG02-SEC-GREASE**  
 Component  
**Grease**  
 Fluid  
**MOBIL MOBILITH SHC 007 (2 GAL)**

## DIAGNOSIS

### ▲ Recommendation

Re-sample to verify the actual oil condition. Purge old grease if still abnormal and monitor the trend of iron level.

### ▲ Wear

Bearing and/or bushing wear is indicated.

### Grease Condition

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

### ▲ Contaminants

Elemental level of silicon (Si) above normal.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0927488</b>	---	---
Sample Date	Client Info			<b>08 Apr 2024</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>	---	---

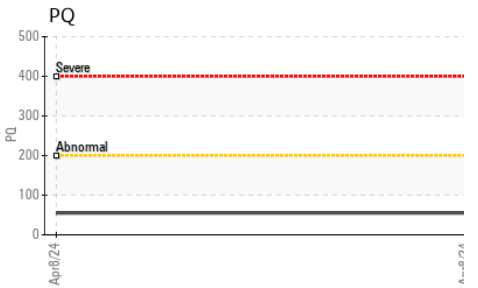
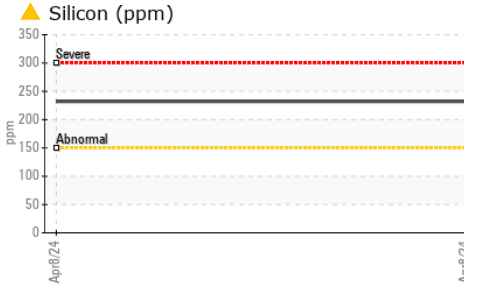
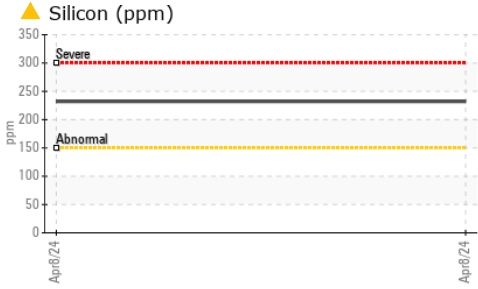
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184	>200	<b>55</b>	---	---
Iron	ppm	ASTM D5185m	>250	<b>67</b>	---	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185m	>5	<b>1</b>	---	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	---	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	---	---
Lead	ppm	ASTM D5185m	>25	<b>0</b>	---	---
Copper	ppm	ASTM D5185m	>75	<b>▲ 140</b>	---	---
Tin	ppm	ASTM D5185m	>5	<b>▲ 10</b>	---	---
Silver	ppm	ASTM D5185m	>5	<b>&lt;1</b>	---	---

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	1	<b>220</b>	---	---
Magnesium	ppm	ASTM D5185m	0	<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185m	0	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185m	4	<b>2</b>	---	---
Phosphorus	ppm	ASTM D5185m	180	<b>1774</b>	---	---
Zinc	ppm	ASTM D5185m	140	<b>2770</b>	---	---

THICKENER/SOAP		method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	0	<b>2</b>	---	---
Barium	ppm	ASTM D5185m	0	<b>1</b>	---	---
Calcium	ppm	ASTM D5185m	3	<b>33</b>	---	---
Sodium	ppm	ASTM D5185m	12	<b>4</b>	---	---
Lithium	ppm	ASTM D5185m		<b>2331</b>	---	---
Sulfur	ppm	ASTM D5185m	650	<b>6544</b>	---	---

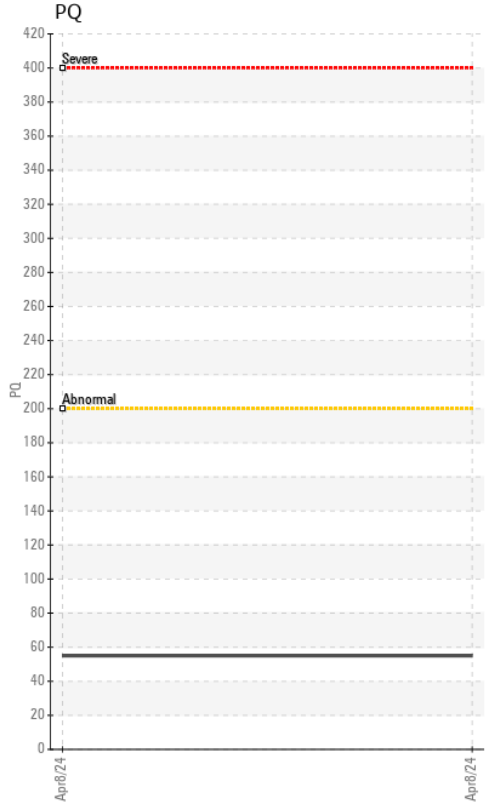
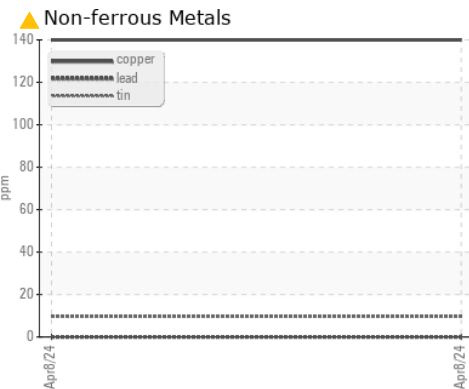
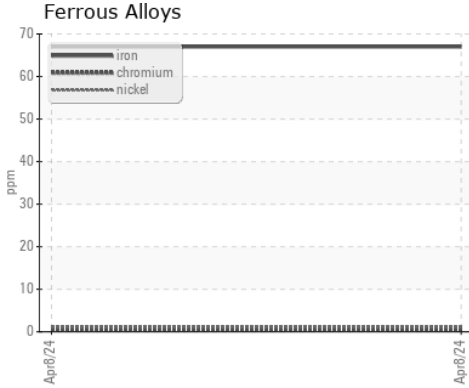
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>150	<b>▲ 232</b>	---	---
Potassium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---

# 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.** : WC0927488      **Received** : 23 Apr 2024  
**Lab Number** : **06158668**      **Tested** : 06 May 2024  
**Unique Number** : 10994091      **Diagnosed** : 06 May 2024 - Doug Bogart  
**Test Package** : IND 1 ( Additional Tests: PQ )

**LEPRINO FOODS-GREELEY**  
 1302 1ST AVE  
 GREELEY, CO  
 US 80631-5909  
 Contact: ERIC KLINE  
 EKLINE@LEPRINOFOODS.COM

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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