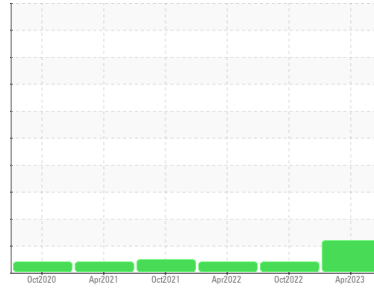




# PROBLEM SUMMARY

Area  
**RO NFDM [1718902]**  
 Machine Id  
**RO01PP21BB01**  
 Component  
**Bearing**  
 Fluid  
**MOBIL SHC 626 (--- QTS)**

Sample Rating Trend



**VISUAL METAL**



## COMPONENT CONDITION SUMMARY

No relevant graphs to display


### RECOMMENDATION

We suspect abnormal metal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor.

### PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ABNORMAL	MARGINAL
White Metal	scalar	*Visual	NONE	▲ MODER	NONE	NONE

**Customer Id:** LEPGRE  
**Sample No.:** WC0805881  
**Lab Number:** 05829793  
**Test Package:** IND 1



*To manage this report scan the QR code*

*To discuss the diagnosis or test data:*  
 Jonathan Hester +1 919-379-4092 x4092  
[jhester@wearcheckusa.com](mailto:jhester@wearcheckusa.com)

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

## RECOMMENDED ACTIONS

*There are no recommended actions for this sample.*

## HISTORICAL DIAGNOSIS

### 17 Oct 2022 Diag: Don Baldrige

#### VIS DEBRIS



We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

view report



### 20 Apr 2022 Diag: Doug Bogart

#### VIS DEBRIS



We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



### 17 Oct 2021 Diag: Don Baldrige

#### NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



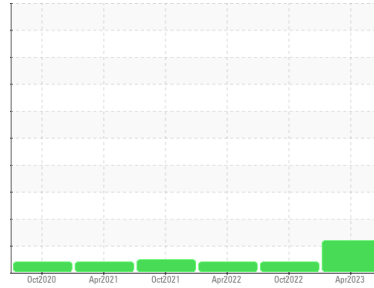


# OIL ANALYSIS REPORT

Sample Rating Trend

VISUAL METAL

Area  
**RO NFDM [1718902]**  
 Machine Id  
**RO01PP21BB01**  
 Component  
**Bearing**  
 Fluid  
**MOBIL SHC 626 (--- QTS)**



## DIAGNOSIS

### Recommendation

We suspect abnormal metal contamination may be due to sampling method. No corrective action is recommended at this time. Resample at the next service interval to monitor.

### Wear

Moderate concentration of visible metal present. All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

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

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0805881</b>	WC0747517	WC0685587
Sample Date	Client Info		<b>19 Apr 2023</b>	17 Oct 2022	20 Apr 2022
Machine Age	mths	Client Info	<b>0</b>	0	0
Oil Age	mths	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>ABNORMAL</b>	ABNORMAL	MARGINAL

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >20	<b>2</b>	2	2
Chromium	ppm	ASTM D5185m >20	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m >20	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m >20	<b>0</b>	<1	<1
Lead	ppm	ASTM D5185m >20	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185m >20	<b>5</b>	8	8
Tin	ppm	ASTM D5185m >20	<b>0</b>	<1	<1
Antimony	ppm	ASTM D5185m	<b>---</b>	---	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>0</b>	0	<1
Barium	ppm	ASTM D5185m	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	<1	0
Magnesium	ppm	ASTM D5185m	<b>1</b>	0	0
Calcium	ppm	ASTM D5185m	<b>26</b>	33	32
Phosphorus	ppm	ASTM D5185m	<b>457</b>	460	444
Zinc	ppm	ASTM D5185m	<b>70</b>	113	106
Sulfur	ppm	ASTM D5185m	<b>1727</b>	2122	1573

## CONTAMINANTS

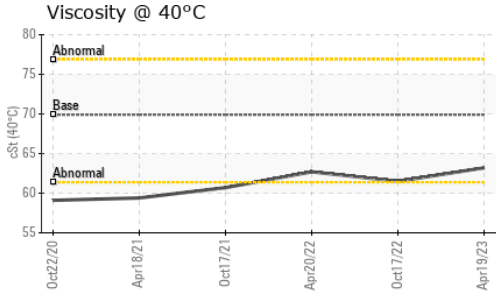
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >15	<b>0</b>	<1	<1
Sodium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	1
Potassium	ppm	ASTM D5185m >20	<b>0</b>	<1	0

## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>▲ MODER</b>	NONE	NONE
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual NONE	<b>NONE</b>	▲ MODER	▲ MODER
Sand/Dirt	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual >2	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual	<b>NEG</b>	NEG	NEG

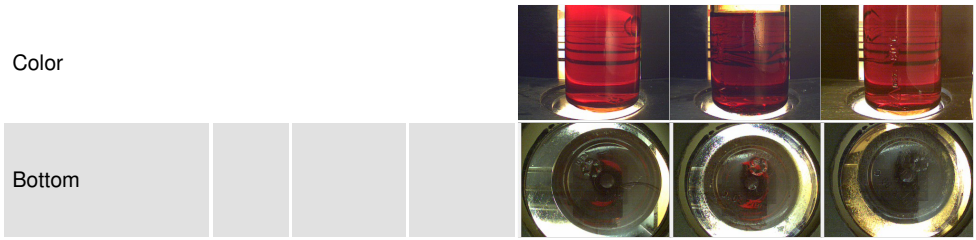


# OIL ANALYSIS REPORT

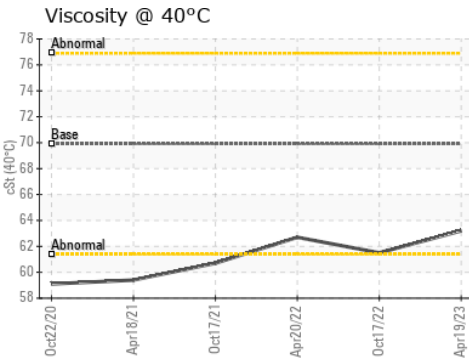
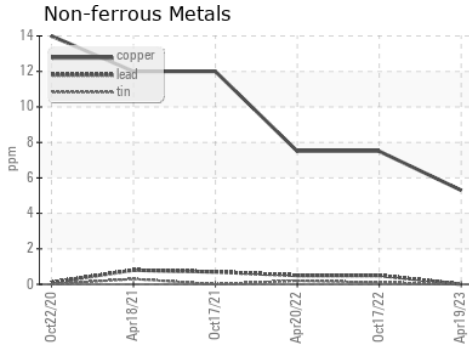
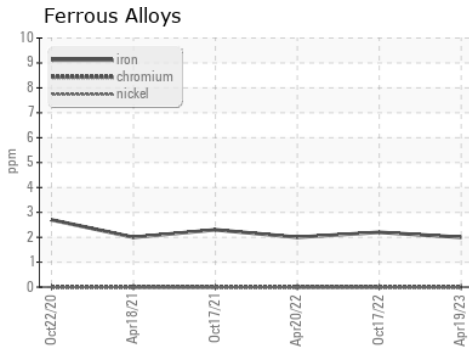


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	69.9	<b>63.2</b>	61.5	62.7

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0805881      **Received** : 25 Apr 2023  
**Lab Number** : **05829793**      **Diagnosed** : 28 Apr 2023  
**Unique Number** : 10443286      **Diagnostician** : Jonathan Hester  
**Test Package** : IND 1

**LEPRINO FOODS-GREELEY**  
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 T:  
 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)