



# GREASE ANALYSIS

Sample Rating Trend

**NORMAL**



Area  
**[7205201]**  
 Machine Id  
**IAP FAN TYPE B E-SF57101 - THRUST BEARING (S/N 34146)**  
 Component  
**Grease**  
 Fluid  
**MOBIL MOBILITH SHC SERIES 220 (--- GAL)**

## DIAGNOSIS

### Recommendation

This is a baseline read-out on the submitted sample.

### Wear

{not applicable}

### Grease Condition

{not applicable}

### Contaminants

{not applicable}

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>RP0039404</b>	---	---
Sample Date	Client Info		<b>26 Oct 2023</b>	---	---
Machine Age	mths	Client Info	<b>0</b>	---	---
Grease Age	mths	Client Info	<b>0</b>	---	---
Grease Serviced	Client Info		<b>N/A</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >250	<b>2</b>	---	---
Chromium	ppm	ASTM D5185m >10	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m >5	<b>2</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>0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>207</b>	---	---
Magnesium	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185m	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Phosphorus	ppm	ASTM D5185m	<b>1775</b>	---	---
Zinc	ppm	ASTM D5185m	<b>2643</b>	---	---



## THICKENER/SOAP

	method	limit/base	current	history1	history2
Aluminum	ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Barium	ppm	ASTM D5185m	<b>2</b>	---	---
Calcium	ppm	ASTM D5185m	<b>7</b>	---	---
Sodium	ppm	ASTM D5185m	<b>23</b>	---	---
Lithium	ppm	ASTM D5185m	<b>3034</b>	---	---

## CONTAMINANTS

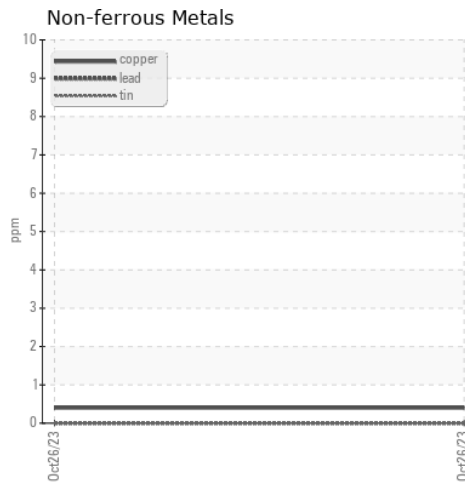
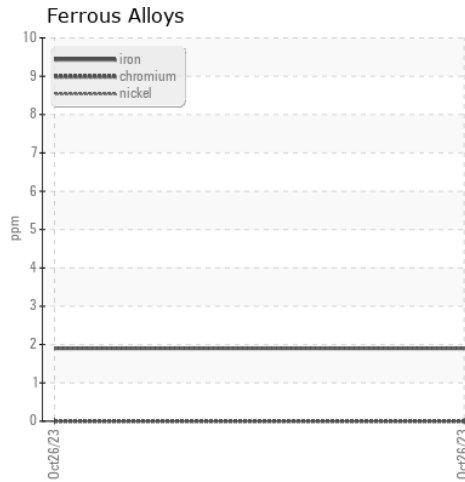
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >150	<b>5</b>	---	---
Potassium	ppm	ASTM D5185m	<b>8</b>	---	---

## SAMPLE IMAGES

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

# GREASE ANALYSIS

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : RP0039404 **Recieved** : 24 Nov 2023  
**Lab Number** : **06016959** **Diagnosed** : 22 Dec 2023  
**Unique Number** : 10756103 **Diagnostician** : Aaron Black  
**Test Package** : TEST ( Additional Tests: ICP )

**JCI**  
 1110 S 14TH AVE  
 DODGE CITY, 46  
 US 67801  
 Contact: Service Manager

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)

T:  
F: