



# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**NFDM**  
 Machine Id  
**PT13PP02BB01**  
 Component  
**Bearing**  
 Fluid  
**MOBIL SHC 626 (--- GAL)**

## DIAGNOSIS

**Recommendation**  
 Resample at the next service interval to monitor.

**Wear**  
 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>WC0874199</b>	---	---
Sample Date	Client Info	<b>01 Dec 2023</b>	---	---
Machine Age	hrs Client Info	<b>0</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >2	<b>NEG</b>	---	---

## WEAR METALS

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

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	<b>0</b>	---	---
Barium	ppm ASTM D5185m	<b>0</b>	---	---
Molybdenum	ppm ASTM D5185m	<b>0</b>	---	---
Manganese	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Magnesium	ppm ASTM D5185m	<b>0</b>	---	---
Calcium	ppm ASTM D5185m	<b>1</b>	---	---
Phosphorus	ppm ASTM D5185m	<b>463</b>	---	---
Zinc	ppm ASTM D5185m	<b>0</b>	---	---
Sulfur	ppm ASTM D5185m	<b>0</b>	---	---

## CONTAMINANTS

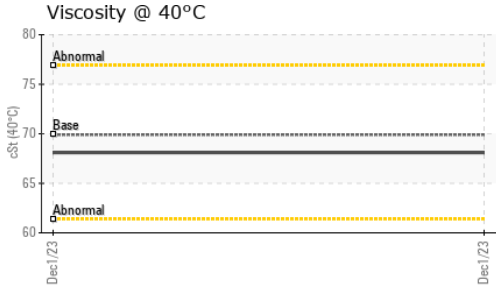
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >15	<b>&lt;1</b>	---	---
Sodium	ppm ASTM D5185m	<b>0</b>	---	---
Potassium	ppm ASTM D5185m >20	<b>0</b>	---	---

## VISUAL

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



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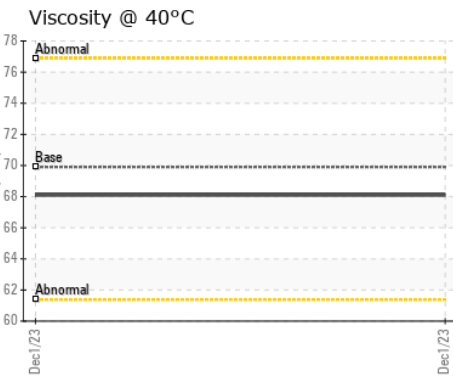
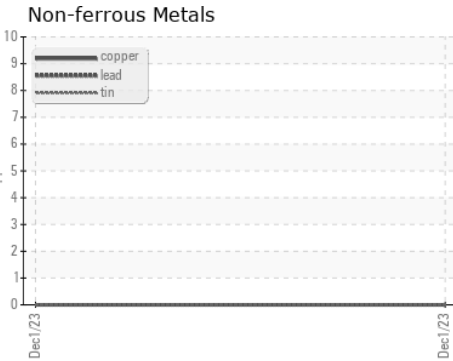
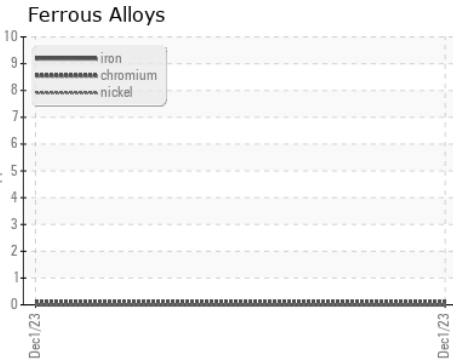
### FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	69.9	<b>68.1</b>	---	---

### 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.** : WC0874199 **Received** : 08 Dec 2023  
**Lab Number** : **06029820** **Diagnosed** : 12 Dec 2023  
**Unique Number** : 10779611 **Diagnostician** : Don Baldrige  
**Test Package** : IND 1

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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)