

# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**LB2 EAST MIXER**  
 Component  
**Reservoir Circulating System**

Fluid  
**MOBIL MOBILGEAR 600 XP ISO100 (--- QTS)**

**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 suitable for further service.

**SAMPLE INFORMATION** method limit/base current history1 history2

Sample Number	Client Info	<b>TO60002434</b>	---	---
Sample Date	Client Info	<b>08 May 2024</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	<b>NEG</b>	---	---
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**WEAR METALS** method limit/base current history1 history2

PQ	ASTM D8184	<b>16</b>	---	---
Iron	ppm ASTM D5185m	<b>24</b>	---	---
Chromium	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Nickel	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Titanium	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Silver	ppm ASTM D5185m	<b>0</b>	---	---
Aluminum	ppm ASTM D5185m	<b>2</b>	---	---
Lead	ppm ASTM D5185m	<b>7</b>	---	---
Copper	ppm ASTM D5185m	<b>2</b>	---	---
Tin	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Vanadium	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Cadmium	ppm ASTM D5185m	<b>&lt;1</b>	---	---

**ADDITIVES** method limit/base current history1 history2

Boron	ppm ASTM D5185m	<b>16</b>	---	---
Barium	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Molybdenum	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Manganese	ppm ASTM D5185m	<b>&lt;1</b>	---	---
Magnesium	ppm ASTM D5185m	<b>3</b>	---	---
Calcium	ppm ASTM D5185m	<b>31</b>	---	---
Phosphorus	ppm ASTM D5185m	<b>541</b>	---	---
Zinc	ppm ASTM D5185m	<b>14</b>	---	---
Sulfur	ppm ASTM D5185m	<b>18363</b>	---	---

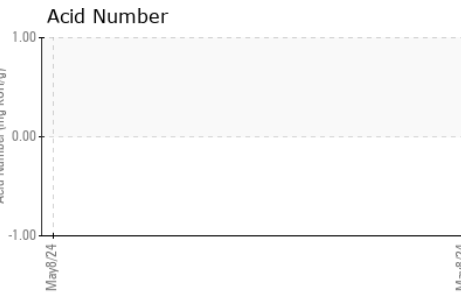
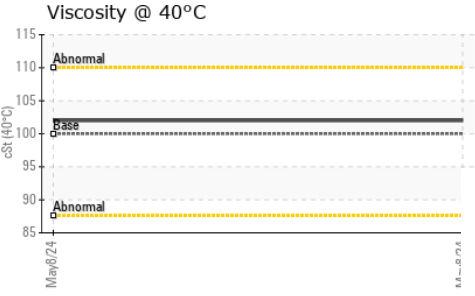
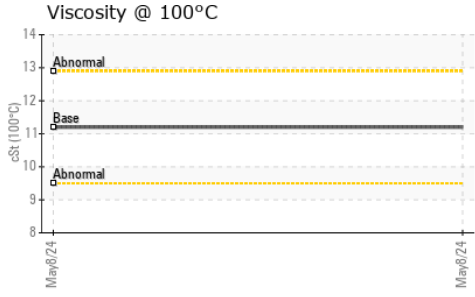
**CONTAMINANTS** method limit/base current history1 history2

Silicon	ppm ASTM D5185m	<b>1</b>	---	---
Sodium	ppm ASTM D5185m	<b>2</b>	---	---
Potassium	ppm ASTM D5185m >20	<b>2</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		<b>NEG</b>	---	---
Free Water	scalar *Visual		<b>NEG</b>	---	---

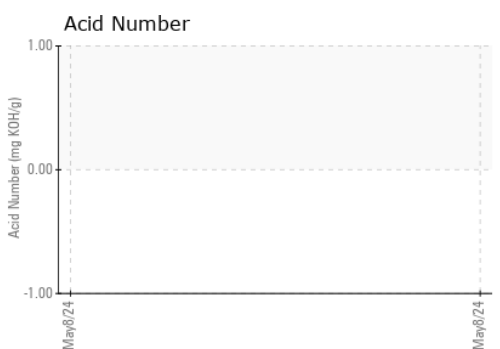
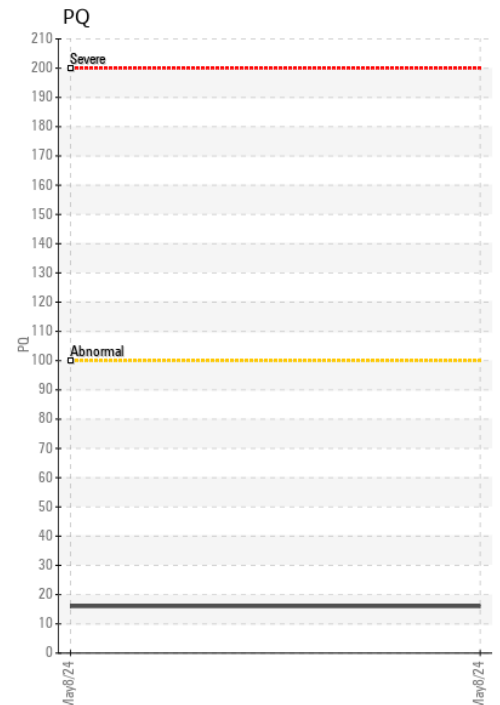
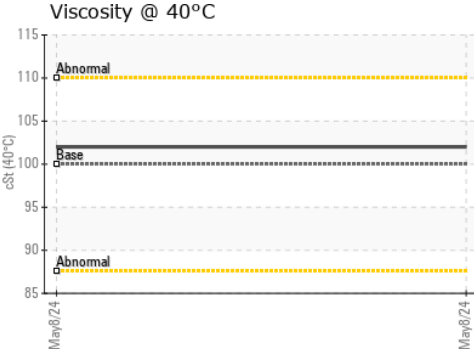
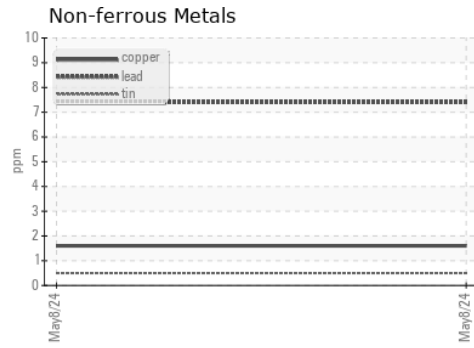
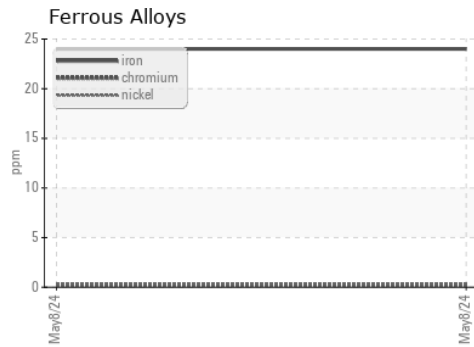
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	100	<b>102</b>	---	---
Visc @ 100°C	cSt	ASTM D445	11.2	<b>11.2</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270	97	<b>94</b>	---	---

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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : TO60002434      **Received** : 14 May 2024  
**Lab Number** : **06179538**      **Tested** : 17 May 2024  
**Unique Number** : 11030864      **Diagnosed** : 17 May 2024 - Sean Felton  
**Test Package** : IND 2 ( Additional Tests: KV100, PQ, VI )

**PILKINGTON**  
 13121 ROCKY FORD RD  
 LAURINBERG, NC  
 US 28352  
 Contact: ANTHONY PRATO

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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F: