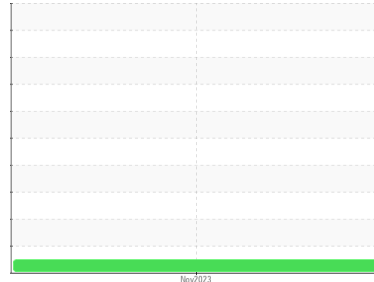




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**SR 2-5**

Component  
**Gearbox**

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

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.  
NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

### 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>WC0877652</b>	---	---
Sample Date	Client Info		<b>27 Nov 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	>0.2	<b>NEG</b>	---	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	<b>176</b>	---
Chromium	ppm	ASTM D5185(m)	>15	<b>1</b>	---
Nickel	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---
Silver	ppm	ASTM D5185(m)		<b>&lt;1</b>	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	---
Lead	ppm	ASTM D5185(m)	>100	<b>&lt;1</b>	---
Copper	ppm	ASTM D5185(m)	>200	<b>&lt;1</b>	---
Tin	ppm	ASTM D5185(m)	>25	<b>0</b>	---
Antimony	ppm	ASTM D5185(m)	>5	<b>0</b>	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	---

## ADDITIVES

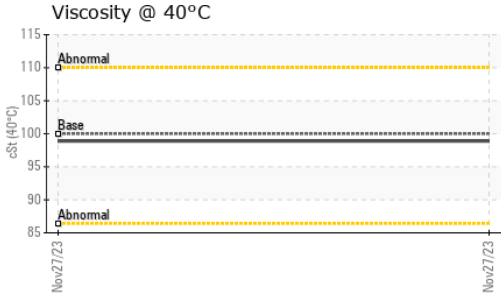
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		<b>24</b>	---
Barium	ppm	ASTM D5185(m)		<b>5</b>	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	---
Manganese	ppm	ASTM D5185(m)		<b>2</b>	---
Magnesium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---
Calcium	ppm	ASTM D5185(m)		<b>8</b>	---
Phosphorus	ppm	ASTM D5185(m)		<b>308</b>	---
Zinc	ppm	ASTM D5185(m)		<b>24</b>	---
Sulfur	ppm	ASTM D5185(m)		<b>12454</b>	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>50	<b>2</b>	---
Sodium	ppm	ASTM D5185(m)		<b>2</b>	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---



# OIL ANALYSIS REPORT



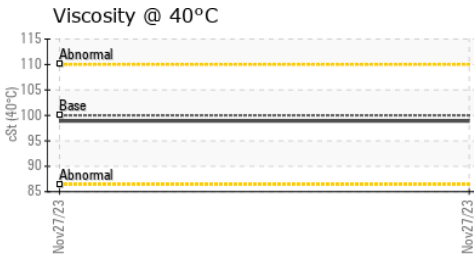
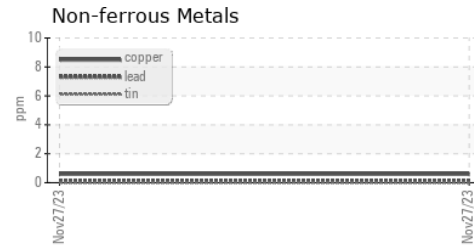
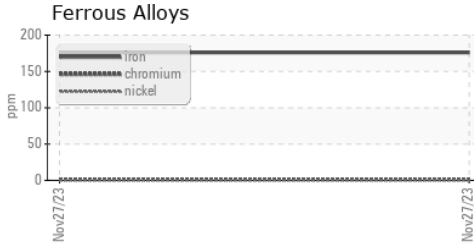
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.2	NEG	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	100	<b>98.9</b>	---	---

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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0877652      **Received** : 12 Dec 2023  
**Lab Number** : **02602688**      **Diagnosed** : 12 Dec 2023  
**Unique Number** : 5695773      **Diagnostician** : Kevin Marson  
**Test Package** : IND 1

**EMF ELECTRICAL SERVICES**  
 2690 SLOUGH STREET  
 MISSISSAUGA, ON  
 CA L4T 1G3  
 Contact: Wilson  
 Wilson@emfelectrical.ca  
 T: (905)405-8836  
 F:

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.