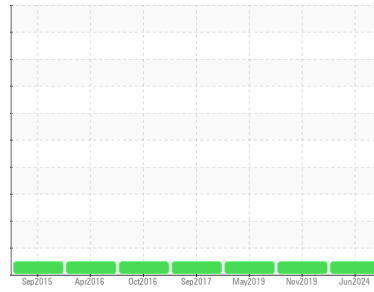




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**CFR#41892**

Machine Id  
**151**  
Component  
**Left Final Drive**

Fluid  
**MOBIL DELVAC SYNTHETIC ATF (--- GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your 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>WC877652</b>	WC877060	WC876424
Sample Date	Client Info		<b>14 Jun 2024</b>	26 Nov 2019	10 May 2019
Machine Age	kms	Client Info	<b>1456</b>	15331	3602
Oil Age	kms	Client Info	<b>627</b>	0	0
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	<b>NEG</b>	NEG	NEG

## WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>500	<b>160</b>	39	38
Chromium	ppm	ASTM D5185(m)	>10	<b>3</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	<b>6</b>	2	2
Titanium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>15</b>	4	4
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	<1	0
Copper	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	3	<1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Antimony	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1

## ADDITIVES

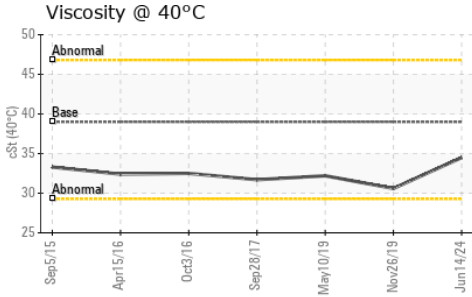
	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)		<b>218</b>	120	107
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	0
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185(m)		<b>2</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)		<b>4</b>	2	2
Calcium	ppm	ASTM D5185(m)		<b>172</b>	52	36
Phosphorus	ppm	ASTM D5185(m)		<b>457</b>	254	231
Zinc	ppm	ASTM D5185(m)		<b>17</b>	25	14
Sulfur	ppm	ASTM D5185(m)		<b>1475</b>	1634	1473
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	1

## CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>75	<b>43</b>	8	6
Sodium	ppm	ASTM D5185(m)		<b>4</b>	2	0
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	1	<1



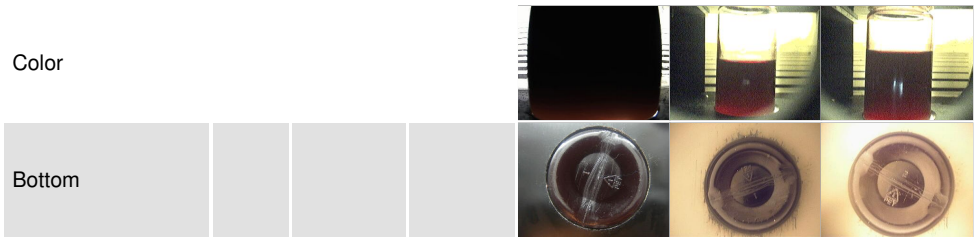
# OIL ANALYSIS REPORT



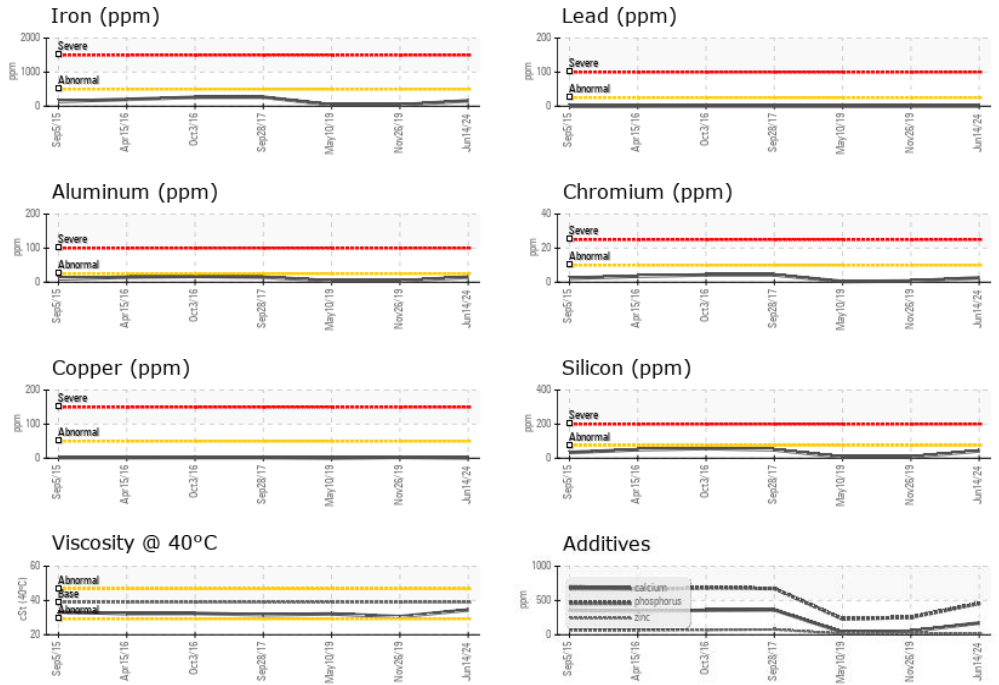
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	VLITE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	39	<b>34.5</b>	30.6	32.2

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



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC877652  
**Lab Number** : **02643250**  
**Unique Number** : 5800789  
**Test Package** : MOB 1  
**Received** : 20 Jun 2024  
**Tested** : 20 Jun 2024  
**Diagnosed** : 20 Jun 2024 - Kevin Marson

**DEPARTMENT OF NATIONAL DEFENSE**  
 MGEN.GEORGE R.PEARKE'S BUILDING  
 OTTAWA, ON  
 CA K1A 0K2  
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 F: (819)997-9989

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.