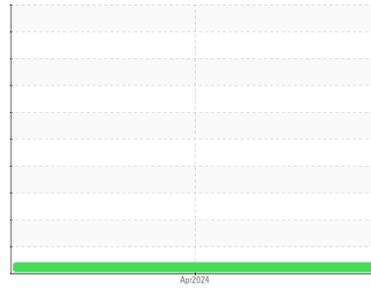




# OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id  
**MINECAT MC100 FMC011**  
 Component  
**Transmission (Manual)**  
 Fluid  
**PETRO CANADA DURATRAN (--- 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 fluid.

### ▲ Fluid Condition

The fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. The condition of the fluid is acceptable for the time in service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0925838</b>	---	---
Sample Date	Client Info		<b>13 Apr 2024</b>	---	---
Machine Age	hrs	Client Info	<b>0</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>Not Changed</b>	---	---
Sample Status			<b>ABNORMAL</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 D5185(m) >200	<b>19</b>	---	---
Chromium	ppm	ASTM D5185(m) >5	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m) >5	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m) >7	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m) >25	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m) >45	<b>5</b>	---	---
Copper	ppm	ASTM D5185(m) >225	<b>217</b>	---	---
Tin	ppm	ASTM D5185(m) >10	<b>0</b>	---	---
Antimony	ppm	ASTM D5185(m)	<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

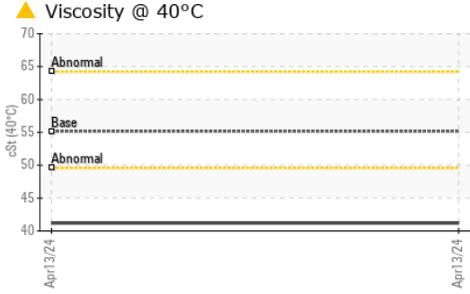
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 110	<b>93</b>	---	---
Barium	ppm	ASTM D5185(m) 0.0	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m) 0.0	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m) 1	<b>&lt;1</b>	---	---
Magnesium	ppm	ASTM D5185(m) 13	<b>11</b>	---	---
Calcium	ppm	ASTM D5185(m) 3610	<b>3329</b>	---	---
Phosphorus	ppm	ASTM D5185(m) 1192	<b>1095</b>	---	---
Zinc	ppm	ASTM D5185(m) 1455	<b>1262</b>	---	---
Sulfur	ppm	ASTM D5185(m) 2641	<b>5235</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >125	<b>6</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>3</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>1</b>	---	---



# OIL ANALYSIS REPORT



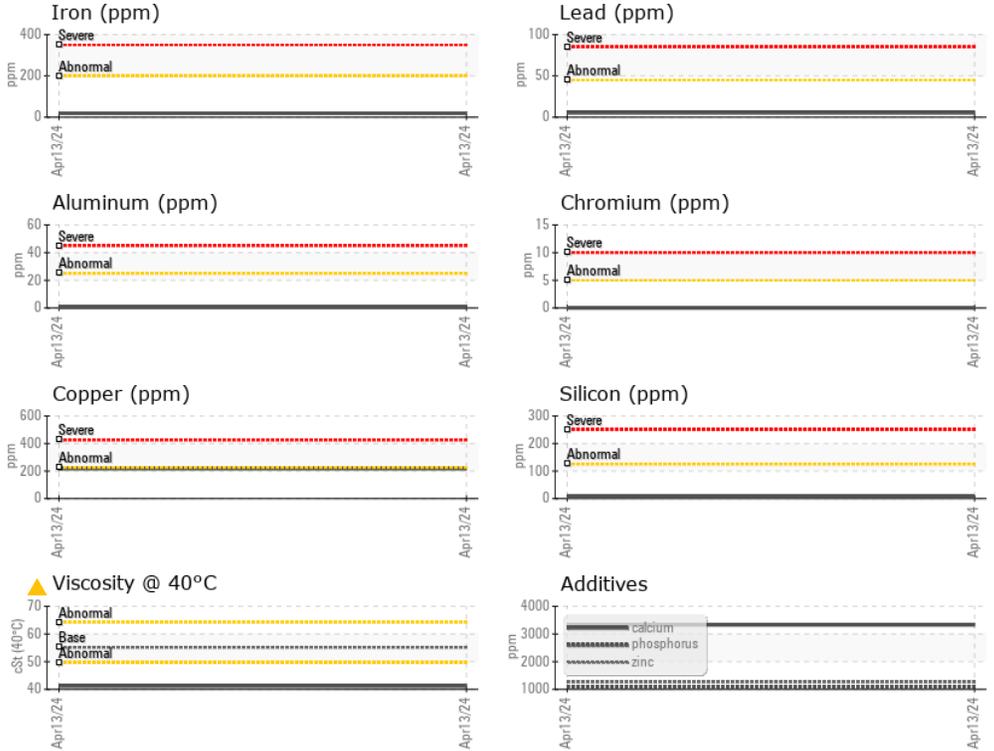
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---
Free Water	scalar	Visual*		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	55.14 ▲ 41.2	---	---

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.** : WC0925838  
**Lab Number** : 02629676  
**Unique Number** : 5762808  
**Test Package** : MOB 1

**Agnico Eagle Canada**  
 1350 Government Rd. W, MACASSA COMPLEX  
 Kirkland Lake, ON  
 CA P2N 3J1

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.

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