

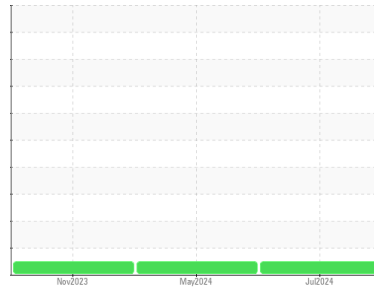


# OIL ANALYSIS REPORT



Machine Id  
**CATERPILLAR 1300G SCP217**  
 Component  
**Rear Right Planetary**  
 Fluid  
**PETRO CANADA PRODURO TO-4 SAE 50 (--- GAL)**

### Sample Rating Trend



**NORMAL**



### 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>WC0887245</b>	WC0941667	WC0879696
Sample Date	Client Info		<b>05 Jul 2024</b>	23 May 2024	18 Nov 2023
Machine Age	hrs	Client Info	<b>4637</b>	4177	2537
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>Not Changed</b>	Not Changed	Not Changed
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>62</b>	54	54
Chromium	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	<b>2</b>	2	2
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	0	0
Copper	ppm	ASTM D5185(m)	>75	<b>&lt;1</b>	1	<1
Tin	ppm	ASTM D5185(m)	>10	<b>1</b>	1	4
Antimony	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<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>0</b>	0	0

### ADDITIVES

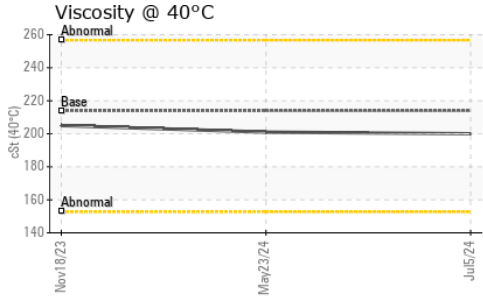
	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)	2	<b>1</b>	<1	2
Barium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	2
Molybdenum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	0
Manganese	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)	9	<b>11</b>	13	12
Calcium	ppm	ASTM D5185(m)	3114	<b>3426</b>	3565	3270
Phosphorus	ppm	ASTM D5185(m)	1099	<b>943</b>	945	1011
Zinc	ppm	ASTM D5185(m)	1245	<b>1132</b>	1116	1205
Sulfur	ppm	ASTM D5185(m)	7086	<b>11113</b>	10949	6229
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>17</b>	17	19
Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	2
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	1



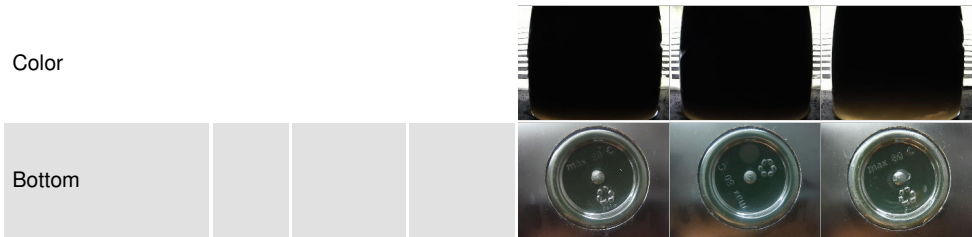
# OIL ANALYSIS REPORT



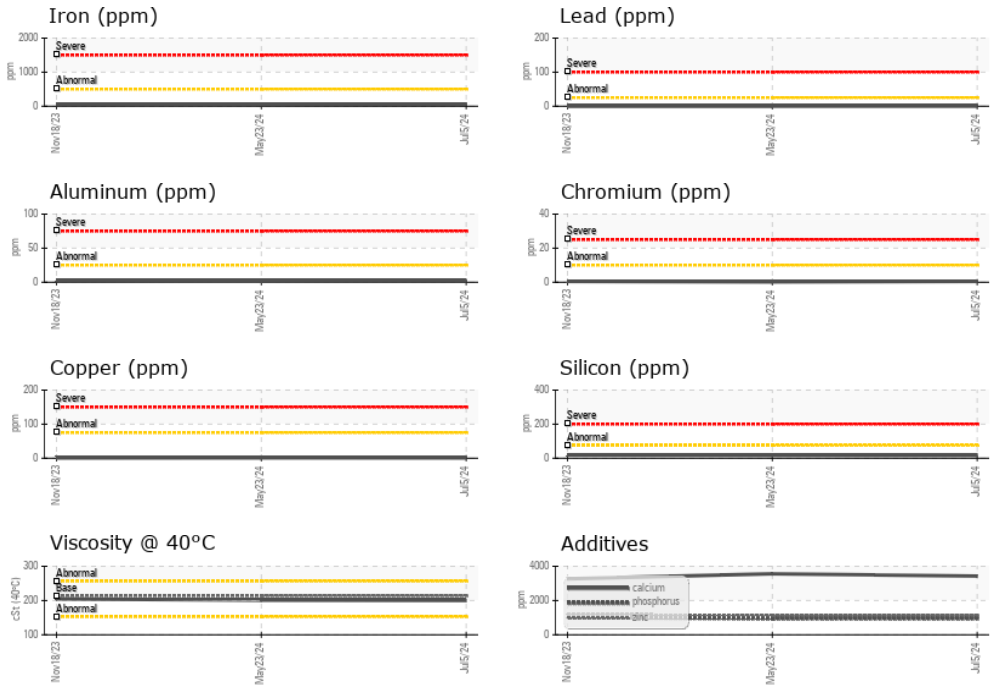
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	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)	213.9	200	201

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.** : WC0887245  
**Lab Number** : 02647126  
**Unique Number** : 5812678  
**Test Package** : MOB 1

**Agnico Eagle Canada**  
 1350 Government Rd. W, MACASSA COMPLEX  
 Kirkland Lake, ON  
 CA P2N 3J1  
 Contact: Mitch Lamontagne  
 AEM\_KL\_macassaoilsampleresults@agnicoeagle.com

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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