



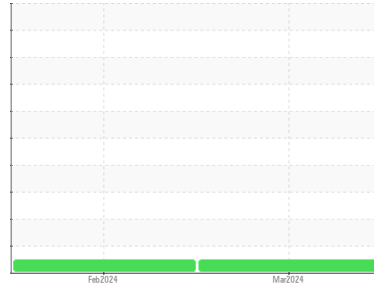
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
CATERPILLAR R1300 SCP216
 Component
Front Left Planetary
 Fluid
PETRO CANADA PRODURO TO-4 SAE 50 (--- 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 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		WC0902292	WC0650175	---
Sample Date	Client Info		13 Mar 2024	07 Feb 2024	---
Machine Age	hrs	Client Info	3272	2869	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		Not Chngd	Not Chngd	---
Sample Status			NORMAL	NORMAL	---

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >500	95	56	---
Chromium	ppm	ASTM D5185(m) >10	<1	<1	---
Nickel	ppm	ASTM D5185(m) >10	<1	<1	---
Titanium	ppm	ASTM D5185(m)	0	0	---
Silver	ppm	ASTM D5185(m)	0	0	---
Aluminum	ppm	ASTM D5185(m) >25	5	3	---
Lead	ppm	ASTM D5185(m) >25	0	1	---
Copper	ppm	ASTM D5185(m) >75	14	10	---
Tin	ppm	ASTM D5185(m) >10	1	<1	---
Antimony	ppm	ASTM D5185(m) >5	0	0	---
Vanadium	ppm	ASTM D5185(m)	0	0	---
Beryllium	ppm	ASTM D5185(m)	0	0	---
Cadmium	ppm	ASTM D5185(m)	0	0	---

ADDITIVES

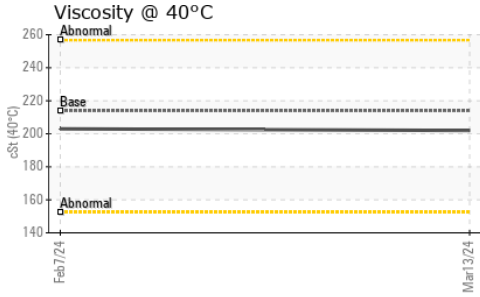
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 2	<1	1	---
Barium	ppm	ASTM D5185(m) 0	1	<1	---
Molybdenum	ppm	ASTM D5185(m) 0	<1	0	---
Manganese	ppm	ASTM D5185(m) 0	<1	<1	---
Magnesium	ppm	ASTM D5185(m) 9	14	12	---
Calcium	ppm	ASTM D5185(m) 3114	3737	3577	---
Phosphorus	ppm	ASTM D5185(m) 1099	949	910	---
Zinc	ppm	ASTM D5185(m) 1245	1069	1055	---
Sulfur	ppm	ASTM D5185(m) 7086	10382	10103	---
Lithium	ppm	ASTM D5185(m)	<1	<1	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >75	20	12	---
Sodium	ppm	ASTM D5185(m)	1	1	---
Potassium	ppm	ASTM D5185(m) >20	2	11	---



OIL ANALYSIS REPORT



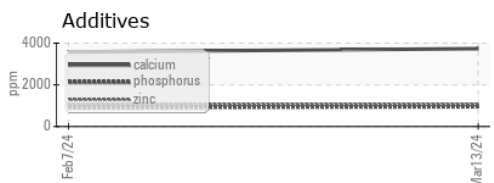
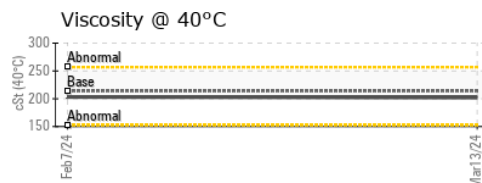
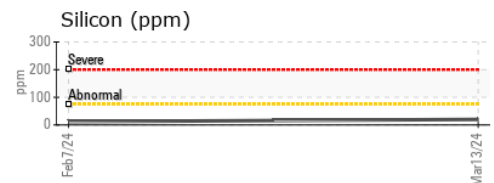
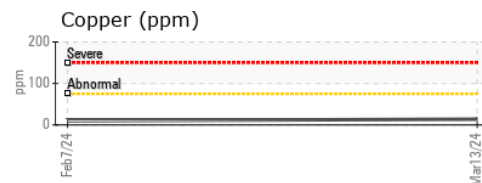
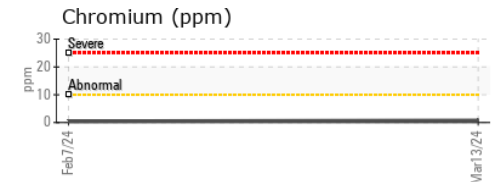
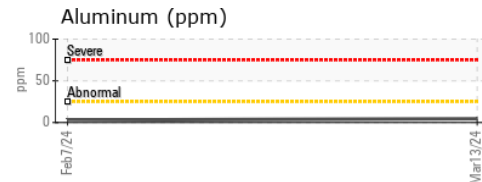
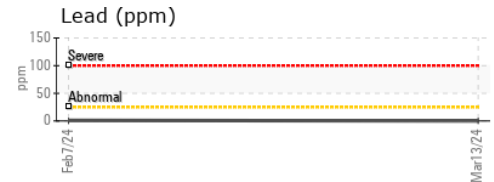
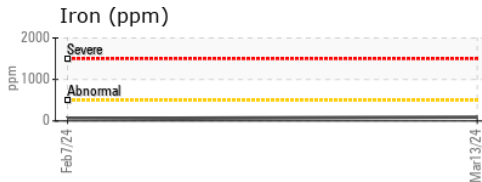
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	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)	213.9	202	203	---

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0902292
Lab Number : **02622796**
Unique Number : 5747915
Test Package : MOB 1

Received : 18 Mar 2024
Tested : 18 Mar 2024
Diagnosed : 18 Mar 2024 - Wes Davis

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.

Contact: Mitch Lamontagne

AEM_KL_macassaoilsampleresults@agnicoeagle.com

T: (705)567-5208

F: (705)567-5221