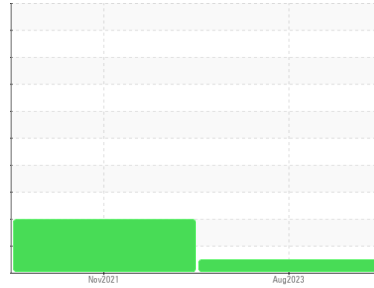


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
CR246
Component
Right Final Drive
Fluid
PETRO CANADA ENDURATEX EP 220 (100 LTR)

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	PC0078036	PC0056345	---
Sample Date	Client Info	11 Aug 2023	02 Nov 2021	---
Machine Age	hrs	Client Info	0	348
Oil Age	hrs	Client Info	0	0
Oil Changed	Client Info	N/A	Changed	---
Sample Status		NORMAL	ABNORMAL	---

WEAR METALS method limit/base current history1 history2

Iron	ppm	ASTM D5185(m)	>150	21	66	---
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	<1	---
Aluminum	ppm	ASTM D5185(m)	>25	<1	1	---
Lead	ppm	ASTM D5185(m)	>100	0	<1	---
Copper	ppm	ASTM D5185(m)	>50	<1	1	---
Tin	ppm	ASTM D5185(m)	>10	0	<1	---
Antimony	ppm	ASTM D5185(m)	>5	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	<1	---
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)	60	13	187	---
Barium	ppm	ASTM D5185(m)	0	0	0	---
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	---
Manganese	ppm	ASTM D5185(m)	0	<1	<1	---
Magnesium	ppm	ASTM D5185(m)	0	<1	3	---
Calcium	ppm	ASTM D5185(m)	0	4	13	---
Phosphorus	ppm	ASTM D5185(m)	270	444	1076	---
Zinc	ppm	ASTM D5185(m)	0	3	10	---
Sulfur	ppm	ASTM D5185(m)	11200	5585	25517	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

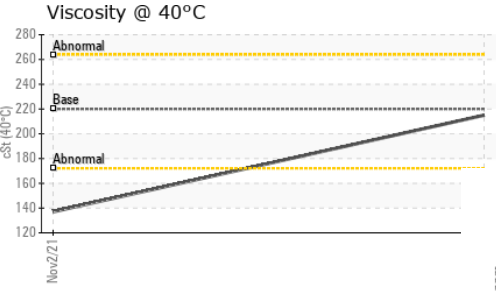
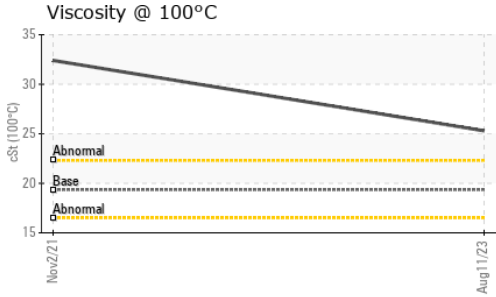
CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185(m)	>50	2	12	---
Sodium	ppm	ASTM D5185(m)		1	7	---
Potassium	ppm	ASTM D5185(m)	>20	<1	1	---

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	NONE	---
Debris	scalar	Visual*	NONE	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	▲ .1%	---
Free Water	scalar	Visual*		NEG	NEG	---

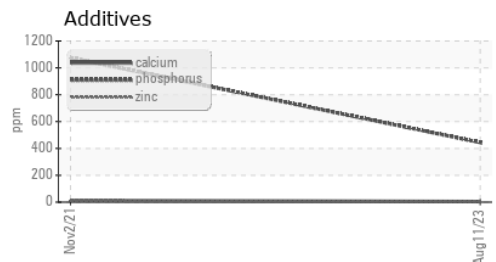
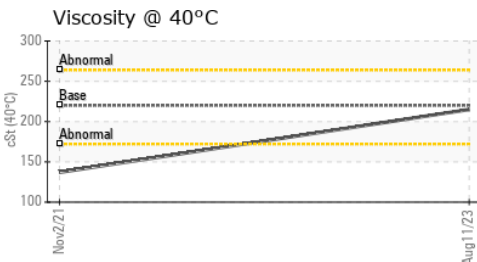
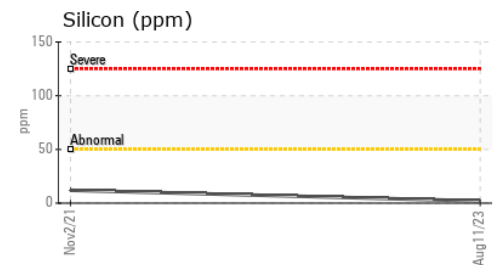
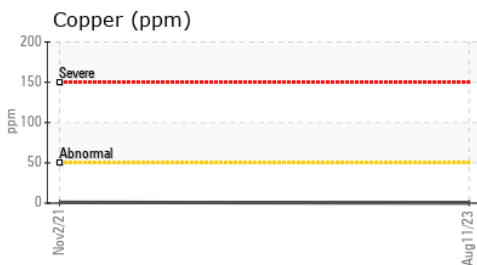
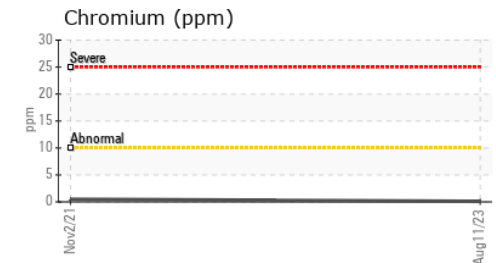
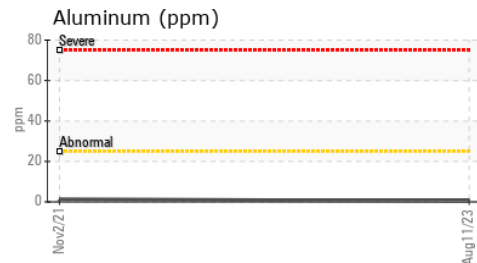
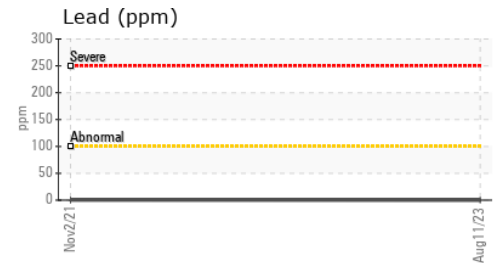
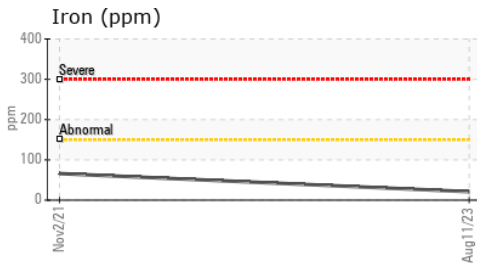
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	220	215	▲ 137	---
Visc @ 100°C	cSt	ASTM D7279(m)	19.35	25.3	32.4	---
Viscosity Index (VI)	Scale	ASTM D2270*	99	148	278	---

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Green Infrastructure and Partners Inc (GPI) - 286 - Shoring & Foundations
Sample No. : PC0078036 **Received** : 28 Aug 2023
Lab Number : **02578893** **Diagnosed** : 28 Aug 2023
Unique Number : 5631953 **Diagnostician** : Wes Davis
Test Package : MOB 1 (Additional Tests: KV100, VI)

151 Ram Forest Rd,
Stouffville, ON
CA L4A 2G8
Contact: Bill Acton
bacton@gipi.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.

T:
F: