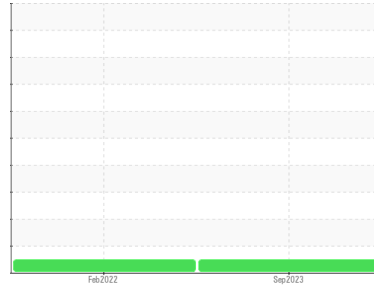


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
N.E.R./On-Road
Machine Id
340
Component
Transmission (Auto)
Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- 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 AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0104689	PCA0066490	---
Sample Date	Client Info	20 Sep 2023	22 Feb 2022	---
Machine Age	mls Client Info	150000	75000	---
Oil Age	mls Client Info	150000	75000	---
Oil Changed	Client Info	N/A	N/A	---
Sample Status		NORMAL	NORMAL	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >160	89	95	---
Chromium	ppm ASTM D5185m >5	0	<1	---
Nickel	ppm ASTM D5185m >5	0	0	---
Titanium	ppm ASTM D5185m	0	0	---
Silver	ppm ASTM D5185m >5	0	0	---
Aluminum	ppm ASTM D5185m >50	37	29	---
Lead	ppm ASTM D5185m >50	18	33	---
Copper	ppm ASTM D5185m >225	26	13	---
Tin	ppm ASTM D5185m >10	3	4	---
Antimony	ppm ASTM D5185m	---	0	---
Vanadium	ppm ASTM D5185m	0	0	---
Cadmium	ppm ASTM D5185m	0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	73	103	---
Barium	ppm ASTM D5185m	0	0	---
Molybdenum	ppm ASTM D5185m	0	2	---
Manganese	ppm ASTM D5185m	<1	2	---
Magnesium	ppm ASTM D5185m	3	<1	---
Calcium	ppm ASTM D5185m	101	67	---
Phosphorus	ppm ASTM D5185m	241	282	---
Zinc	ppm ASTM D5185m	0	4	---
Sulfur	ppm ASTM D5185m	1506	592	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	6	5	---
Sodium	ppm ASTM D5185m	6	4	---
Potassium	ppm ASTM D5185m >20	4	5	---

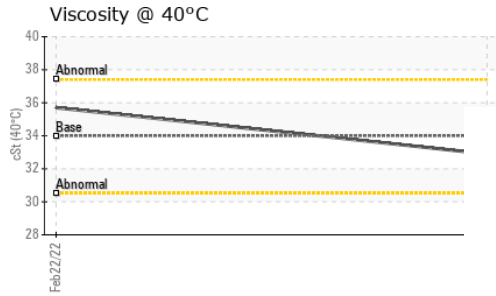
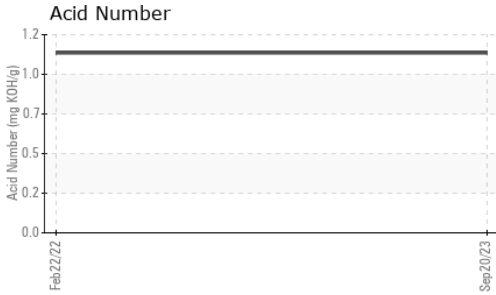
FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	1.09	1.09	---

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	NONE	---
Sand/Dirt	scalar *Visual NONE	NONE	NONE	---
Appearance	scalar *Visual NORML	NORML	NORML	---
Odor	scalar *Visual NORML	NORML	NORML	---
Emulsified Water	scalar *Visual >0.1	NEG	NEG	---
Free Water	scalar *Visual	NEG	---	---

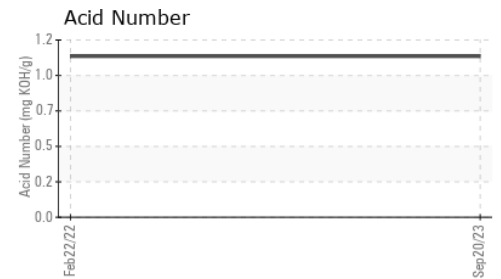
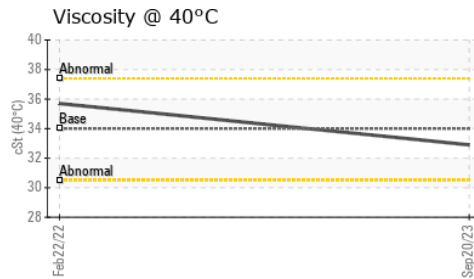
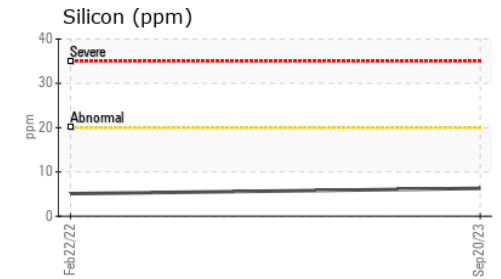
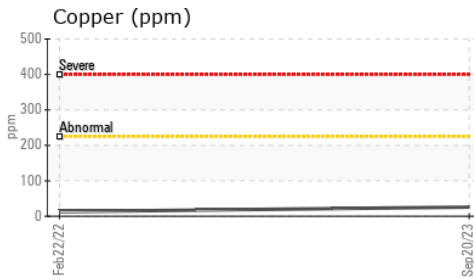
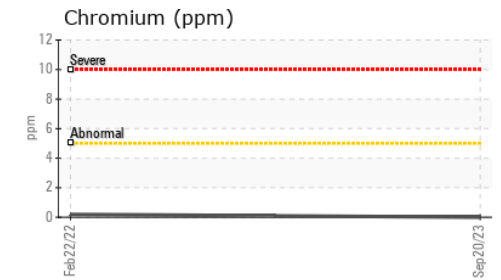
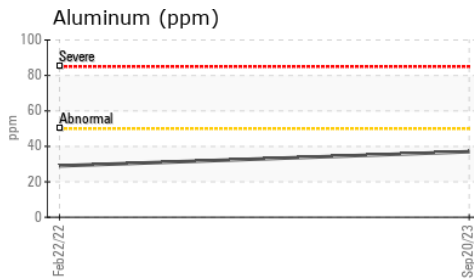
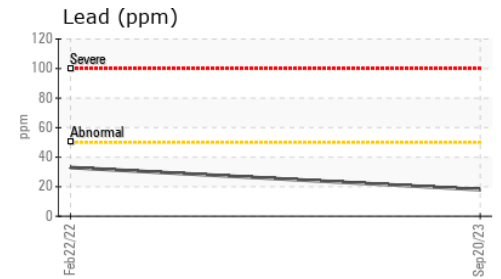
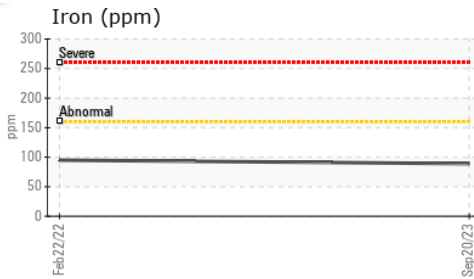
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	34	32.9	35.7	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0104689 **Received** : 22 Sep 2023
Lab Number : 05958717 **Diagnosed** : 24 Sep 2023
Unique Number : 10659930 **Diagnostician** : Wes Davis
Test Package : MOB 2

G LOPES CONSTRUCTION
 565 WINTHROP ST
 TAUNTON, MA
 US 02780
 Contact: BUTCH MCGRATH
 bmcgrath@glopes.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:
F: