



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
948011

Component
Transmission
Fluid

PETRO CANADA DuraDrive HD Synthetic 668 (10 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 condition of the fluid is suitable for further service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0092025	---	---
Sample Date	Client Info	07 Nov 2023	---	---
Machine Age	hrs Client Info	4989	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		NORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>200	93	---	---
Chromium ppm ASTM D5185m	>10	0	---	---
Nickel ppm ASTM D5185m		0	---	---
Titanium ppm ASTM D5185m		0	---	---
Silver ppm ASTM D5185m		0	---	---
Aluminum ppm ASTM D5185m	>50	17	---	---
Lead ppm ASTM D5185m	>50	7	---	---
Copper ppm ASTM D5185m	>200	96	---	---
Tin ppm ASTM D5185m	>10	<1	---	---
Vanadium ppm ASTM D5185m		0	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		63	---	---
Barium ppm ASTM D5185m		0	---	---
Molybdenum ppm ASTM D5185m		4	---	---
Manganese ppm ASTM D5185m		0	---	---
Magnesium ppm ASTM D5185m		37	---	---
Calcium ppm ASTM D5185m		156	---	---
Phosphorus ppm ASTM D5185m		251	---	---
Zinc ppm ASTM D5185m		100	---	---
Sulfur ppm ASTM D5185m		1788	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>50	5	---	---
Sodium ppm ASTM D5185m		5	---	---
Potassium ppm ASTM D5185m	>20	1	---	---

VISUAL

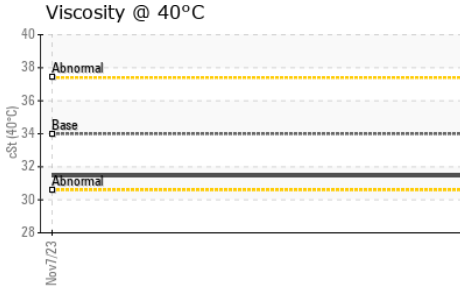
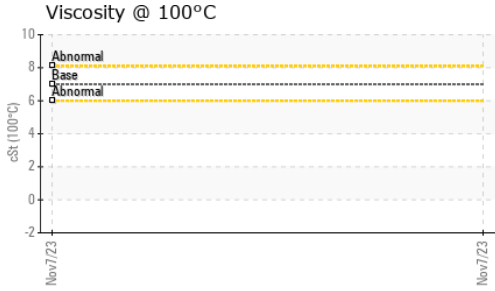
method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	NONE	---	---
Yellow Metal scalar *Visual	NONE	NONE	---	---
Precipitate scalar *Visual	NONE	NONE	---	---
Silt scalar *Visual	NONE	NONE	---	---
Debris scalar *Visual	NONE	NONE	---	---
Sand/Dirt scalar *Visual	NONE	NONE	---	---
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 D445	34	31.46	---	---

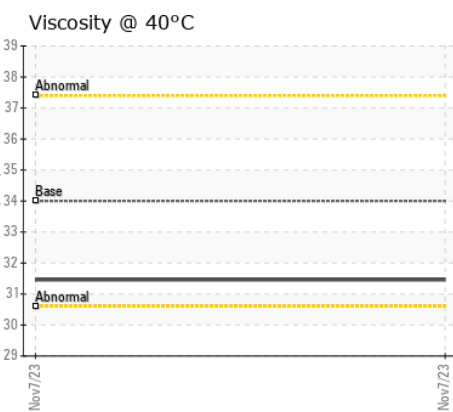
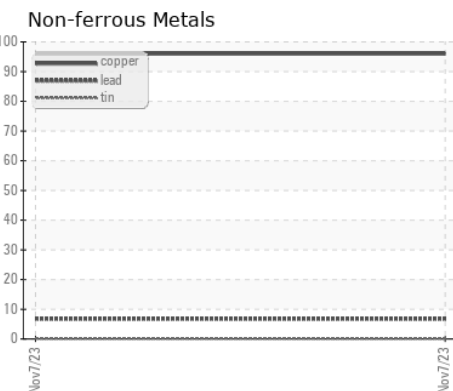
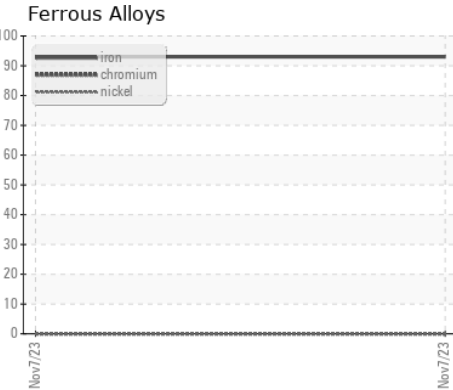


OIL ANALYSIS REPORT



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. : GFL0092025 **Received** : 09 Nov 2023
Lab Number : **06003474** **Diagnosed** : 14 Nov 2023
Unique Number : 10737236 **Diagnostician** : Sean Felton
Test Package : FLEET (Additional Tests: FT-IR, KV100)

GFL Environmental - 856 - Houston South
 8515 Highway 6 South
 Houston, TX
 US 77083
 Contact: Apolinar Zacarias
 pzacariascano@gflenv.com
 T:
 F:

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)