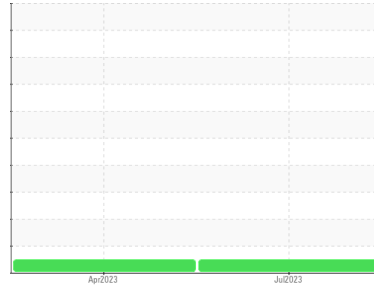


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
2126970

Component
Rear Differential

Fluid
PETRO CANADA TRAXON SYNTHETIC 75W90 (--- QTS)

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	PCA0102160	PCA0092887	---
Sample Date	Client Info	26 Jul 2023	29 Apr 2023	---
Machine Age	mls Client Info	40486	20416	---
Oil Age	mls Client Info	40486	20416	---
Oil Changed	Client Info	Not Chngd	Not Chngd	---
Sample Status		NORMAL	NORMAL	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >500	154	115	---
Chromium ppm	ASTM D5185m >10	3	2	---
Nickel ppm	ASTM D5185m >10	6	4	---
Titanium ppm	ASTM D5185m	<1	<1	---
Silver ppm	ASTM D5185m	0	0	---
Aluminum ppm	ASTM D5185m >25	1	2	---
Lead ppm	ASTM D5185m >25	<1	0	---
Copper ppm	ASTM D5185m >100	2	2	---
Tin ppm	ASTM D5185m >10	<1	<1	---
Vanadium ppm	ASTM D5185m	0	0	---
Cadmium ppm	ASTM D5185m	0	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m 328	166	156	---
Barium ppm	ASTM D5185m 1	0	0	---
Molybdenum ppm	ASTM D5185m	<1	0	---
Manganese ppm	ASTM D5185m	14	12	---
Magnesium ppm	ASTM D5185m 1	0	2	---
Calcium ppm	ASTM D5185m 7	8	10	---
Phosphorus ppm	ASTM D5185m 1145	1107	1050	---
Zinc ppm	ASTM D5185m 3	16	7	---
Sulfur ppm	ASTM D5185m 17909	27728	28707	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >75	50	43	---
Sodium ppm	ASTM D5185m	7	6	---
Potassium ppm	ASTM D5185m >20	3	3	---

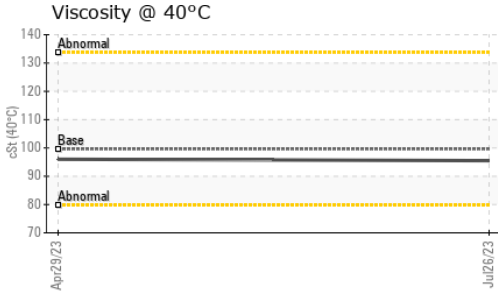
VISUAL

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 >.2	NEG	NEG	---
Free Water scalar	*Visual	NEG	NEG	---

FLUID PROPERTIES

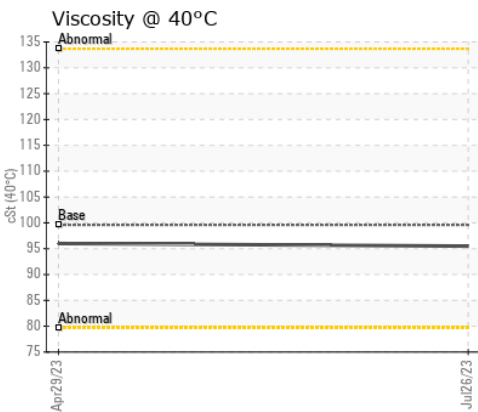
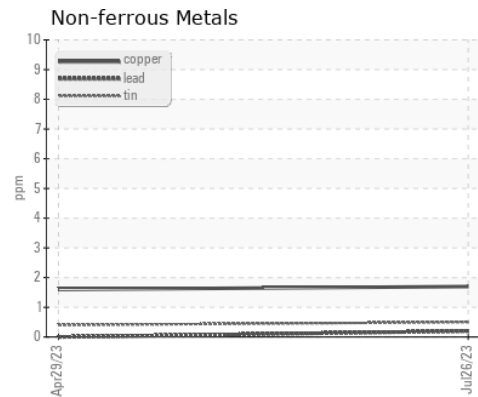
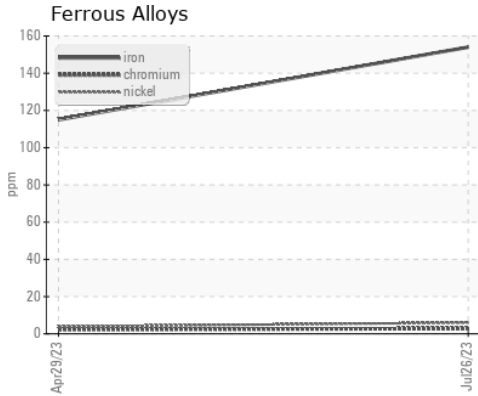
method	limit/base	current	history1	history2
Visc @ 40°C cSt	ASTM D445 99.6	95.5	96.0	---

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. : PCA0102160 **Received** : 22 Aug 2023
Lab Number : **05931021** **Diagnosed** : 23 Aug 2023
Unique Number : 10616292 **Diagnostician** : Don Baldrige
Test Package : FLEET

PERDUE FARMS - GEORGETOWN
 20621 SAVANAH RD
 GEORGETOWN, DE
 US 19947
 Contact: ROBERT LOCKWOOD
 Robert.Lockwood@Perdue.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: