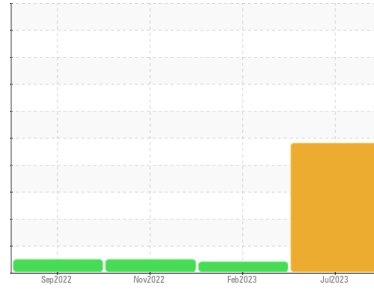


PROBLEM SUMMARY

Sample Rating Trend



WATER



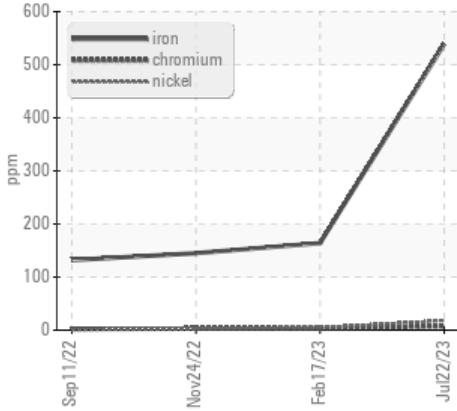
Machine Id
2126977

Component
2 Differential

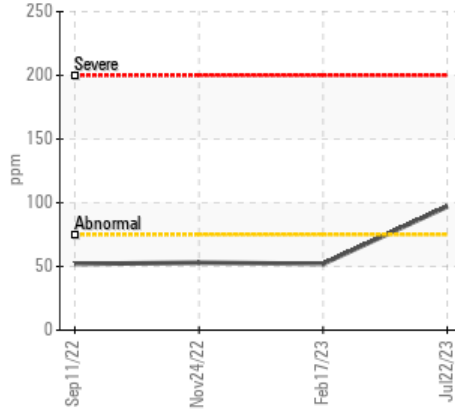
Fluid
PETRO CANADA TRAXON SYNTHETIC 75W90 (--- QTS)

COMPONENT CONDITION SUMMARY

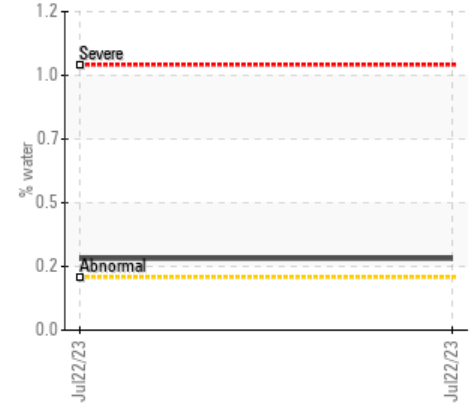
▲ Ferrous Alloys



▲ Silicon (ppm)



▲ Water



RECOMMENDATION

No corrective action is recommended at this time.
Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ABNORMAL	NORMAL
Iron	ppm	ASTM D5185m	>500	▲ 539	164	145
Nickel	ppm	ASTM D5185m	>10	▲ 18	5	4
Silicon	ppm	ASTM D5185m	>75	▲ 97	52	53
Water	%	ASTM D6304	>.2	▲ 0.270	---	---
ppm Water	ppm	ASTM D6304	>2000	▲ 2700	---	---

Customer Id: PERGEODE
Sample No.: PCA0102150
Lab Number: 05931186
Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

17 Feb 2023 Diag: Don Baldrige

VIS DEBRIS



No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

view report



24 Nov 2022 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

view report



11 Sep 2022 Diag: Angela Borella

NORMAL



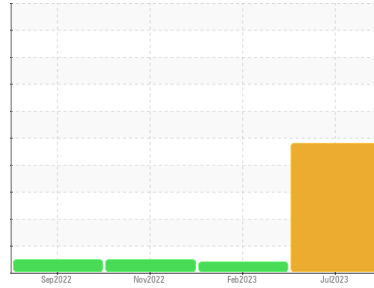
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
2126977

Component
2 Differential
Fluid

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

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

▲ Wear

Gear wear is indicated.

▲ Contamination

There is a light concentration of water present in the oil. Elemental level of silicon (Si) above normal.

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		PCA0102150	PCA0089335	PCA0084914
Sample Date	Client Info		22 Jul 2023	17 Feb 2023	24 Nov 2022
Machine Age	mls	Client Info	122121	73630	47100
Oil Age	mls	Client Info	122121	73630	23670
Oil Changed	Client Info		Not Chngd	Not Chngd	Changed
Sample Status			ABNORMAL	ABNORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	▲ 539	164	145
Chromium	ppm	ASTM D5185m >10	7	3	3
Nickel	ppm	ASTM D5185m >10	▲ 18	5	4
Titanium	ppm	ASTM D5185m	1	<1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	13	4	3
Lead	ppm	ASTM D5185m >25	0	0	<1
Copper	ppm	ASTM D5185m >100	11	2	2
Tin	ppm	ASTM D5185m >10	1	<1	1
Vanadium	ppm	ASTM D5185m	0	<1	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 328	23	151	158
Barium	ppm	ASTM D5185m 1	0	0	0
Molybdenum	ppm	ASTM D5185m	2	2	2
Manganese	ppm	ASTM D5185m	20	13	13
Magnesium	ppm	ASTM D5185m 1	6	6	6
Calcium	ppm	ASTM D5185m 7	43	23	21
Phosphorus	ppm	ASTM D5185m 1145	1074	1063	1083
Zinc	ppm	ASTM D5185m 3	56	30	26
Sulfur	ppm	ASTM D5185m 17909	28501	24481	29187

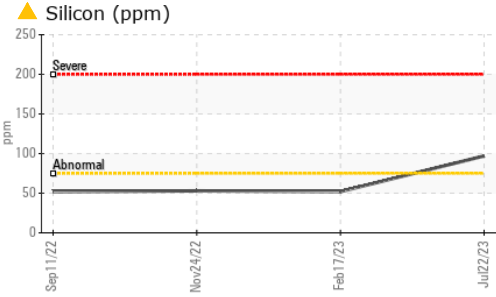
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	▲ 97	52	53
Sodium	ppm	ASTM D5185m	4	7	7
Potassium	ppm	ASTM D5185m >20	7	4	3
Water	%	ASTM D6304 >.2	▲ 0.270	---	---
ppm Water	ppm	ASTM D6304 >2000	▲ 2700	---	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	▲ MODER	NONE
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	NONE
Appearance	scalar	*Visual NORML	NORML	NORML	NORML
Odor	scalar	*Visual NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual >.2	0.2%	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT

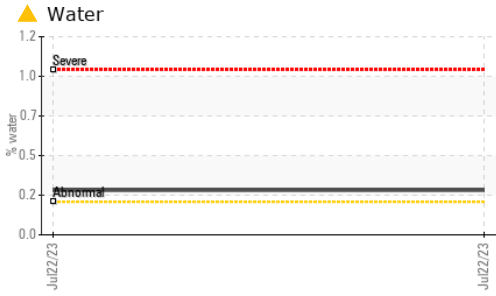


FLUID PROPERTIES

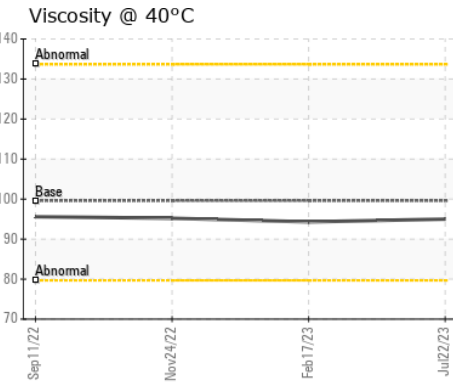
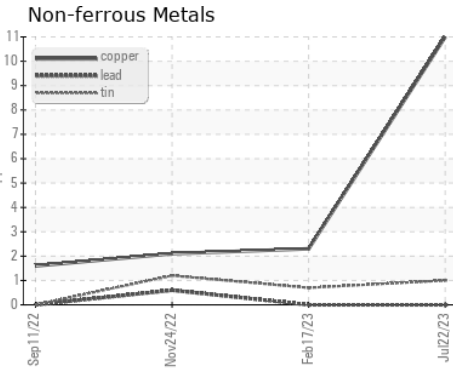
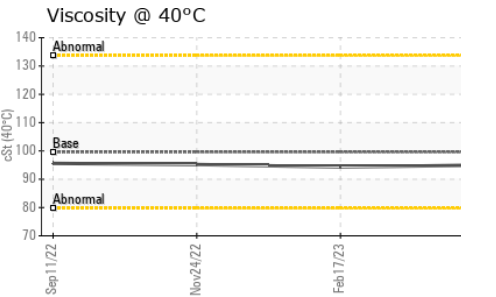
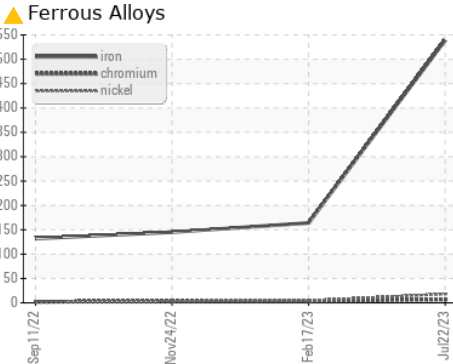
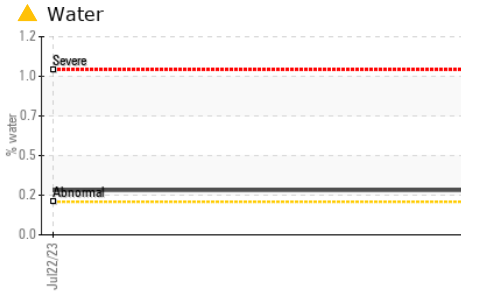
method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	99.6	95.0	94.3 95.2

SAMPLE IMAGES

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



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0102150 **Received** : 22 Aug 2023
Lab Number : 05931186 **Diagnosed** : 23 Aug 2023
Unique Number : 10616457 **Diagnostician** : Don Baldrige
Test Package : FLEET (Additional Tests: KF)

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: