



PROBLEM SUMMARY

Sample Rating Trend



DIRT



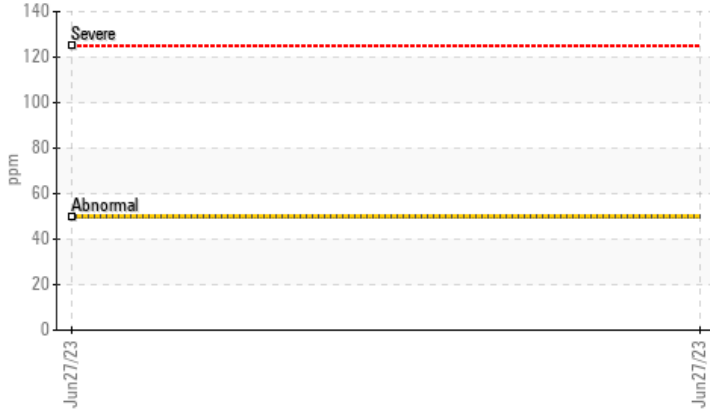
Machine Id
2126985

Component
Transmission

Fluid
PETRO CANADA TRAXON SYNTHETIC CD-50 (--- QTS)

COMPONENT CONDITION SUMMARY

▲ Silicon (ppm)



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Silicon	ppm	ASTM D5185m	>50	▲ 50	---	---

Customer Id: PERGEODE
Sample No.: PCA0100734
Lab Number: 05931262
Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
Sean Felton +1 919-379-4092
sfelton@wearcheckusa.com

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

OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
2126985

Component
Transmission

Fluid
PETRO CANADA TRAXON SYNTHETIC CD-50 (--- QTS)

DIAGNOSIS

Recommendation

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

Wear

All component wear rates are normal.

Contamination

Elemental level of silicon (Si) above normal indicating ingress of seal material.

Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0100734	---	---
Sample Date	Client Info	27 Jun 2023	---	---
Machine Age	mls	Client Info	0	---
Oil Age	mls	Client Info	16950	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	36	---
Chromium	ppm	ASTM D5185m >10	<1	---
Nickel	ppm	ASTM D5185m	<1	---
Titanium	ppm	ASTM D5185m	0	---
Silver	ppm	ASTM D5185m	0	---
Aluminum	ppm	ASTM D5185m >50	1	---
Lead	ppm	ASTM D5185m >50	0	---
Copper	ppm	ASTM D5185m >200	29	---
Tin	ppm	ASTM D5185m >10	0	---
Vanadium	ppm	ASTM D5185m	0	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 139	0	---
Barium	ppm	ASTM D5185m 1	0	---
Molybdenum	ppm	ASTM D5185m	0	---
Manganese	ppm	ASTM D5185m	23	---
Magnesium	ppm	ASTM D5185m 1	2	---
Calcium	ppm	ASTM D5185m 30	845	---
Phosphorus	ppm	ASTM D5185m 309	652	---
Zinc	ppm	ASTM D5185m 1	<1	---
Sulfur	ppm	ASTM D5185m 1340	5464	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	▲ 50	---
Sodium	ppm	ASTM D5185m	2	---
Potassium	ppm	ASTM D5185m >20	0	---

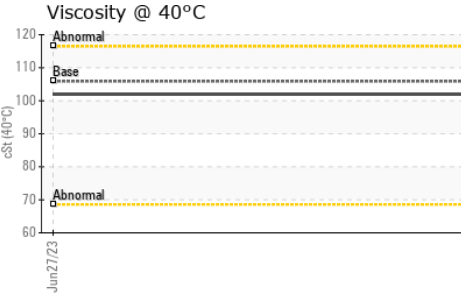
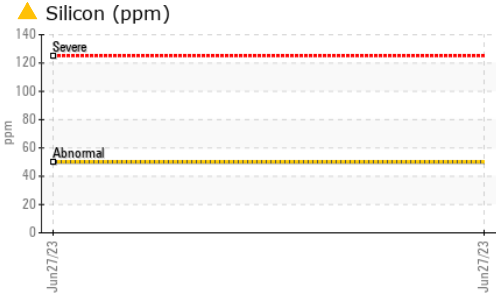
VISUAL

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

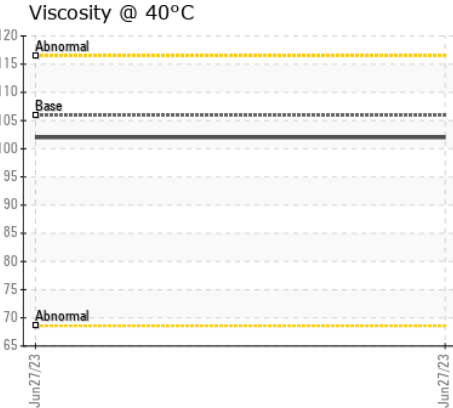
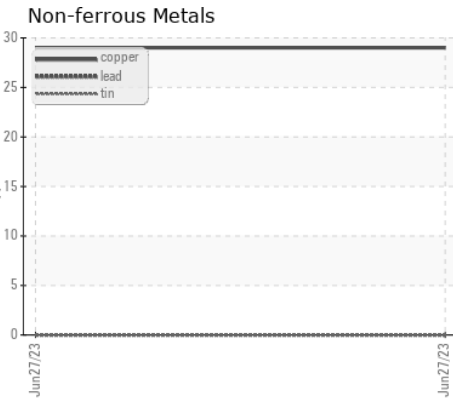
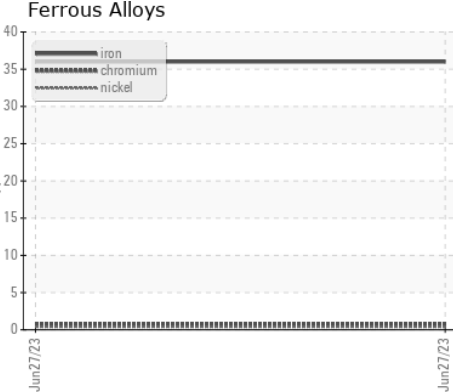
method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 105.9	102	---

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. : PCA0100734 **Received** : 22 Aug 2023
Lab Number : 05931262 **Diagnosed** : 24 Aug 2023
Unique Number : 10616533 **Diagnostician** : Sean Felton
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)