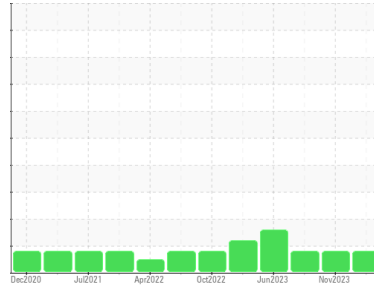


OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
2026870

Component
Front Differential
Fluid

PETRO CANADA TRAXON E SYNTHETIC 75W-90 (--- 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 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		PCA0116183	PCA0109360	PCA0104349
Sample Date	Client Info		23 Jan 2024	01 Nov 2023	22 Aug 2023
Machine Age	mls	Client Info	373294	0	329701
Oil Age	mls	Client Info	373294	0	329701
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			ABNORMAL	MARGINAL	ABNORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>.2	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	▲ 753	▲ 770	▲ 704
Chromium	ppm	ASTM D5185m >10	6	6	6
Nickel	ppm	ASTM D5185m >10	6	6	6
Titanium	ppm	ASTM D5185m	<1	0	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	2	2	2
Lead	ppm	ASTM D5185m >25	2	4	4
Copper	ppm	ASTM D5185m >100	103	104	93
Tin	ppm	ASTM D5185m >10	3	2	2
Vanadium	ppm	ASTM D5185m	0	0	<1
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 229	152	164	117
Barium	ppm	ASTM D5185m <1	0	<1	0
Molybdenum	ppm	ASTM D5185m	<1	<1	<1
Manganese	ppm	ASTM D5185m	21	21	20
Magnesium	ppm	ASTM D5185m <1	0	0	0
Calcium	ppm	ASTM D5185m	0	9	0
Phosphorus	ppm	ASTM D5185m 1355	1326	1381	1326
Zinc	ppm	ASTM D5185m	<1	12	0
Sulfur	ppm	ASTM D5185m 22698	24588	22042	22770

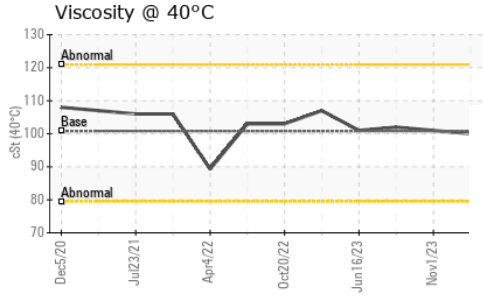
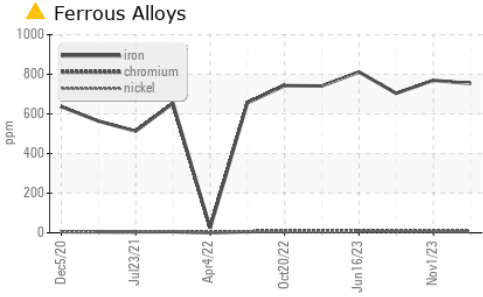
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	54	59	52
Sodium	ppm	ASTM D5185m	10	11	9
Potassium	ppm	ASTM D5185m >20	<1	0	0

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	LIGHT	LIGHT	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	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT



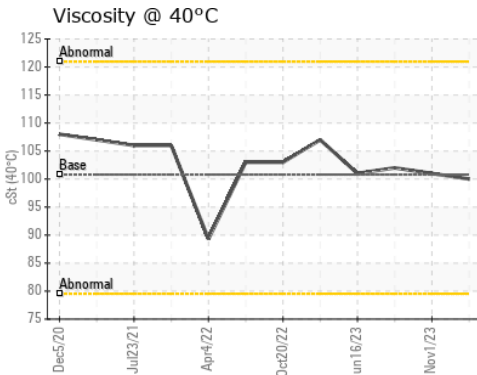
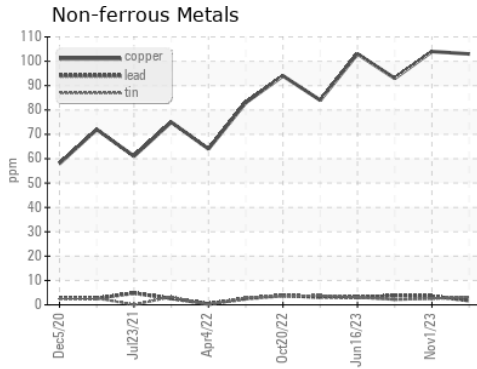
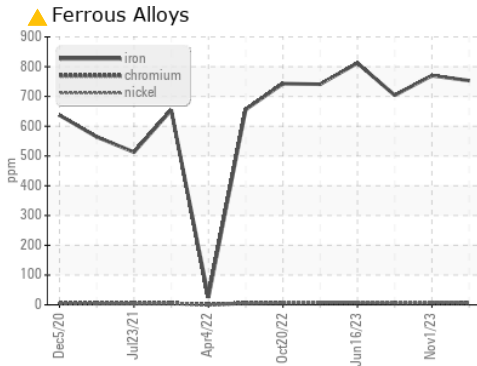
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	100.8	101	102

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. : PCA0116183
Lab Number : 06118639
Unique Number : 10927472
Test Package : FLEET

Received : 14 Mar 2024
Tested : 15 Mar 2024
Diagnosed : 18 Mar 2024 - Don Baldrige

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: