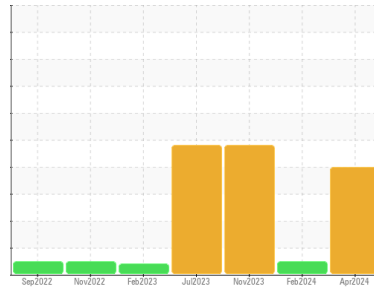


OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
2126977

Component
2 Differential

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

DIAGNOSIS

Recommendation

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor.

Wear

Gear wear is indicated.

Contamination

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

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		PCA0125019	PCA0114764	PCA0113257
Sample Date	Client Info		26 Apr 2024	10 Feb 2024	26 Nov 2023
Machine Age	mls	Client Info	186294	163575	142597
Oil Age	mls	Client Info	0	163575	142597
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			ABNORMAL	NORMAL	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	▲ 985	275	▲ 737
Chromium	ppm	ASTM D5185m >10	8	3	8
Nickel	ppm	ASTM D5185m >10	▲ 33	3	▲ 25
Titanium	ppm	ASTM D5185m	1	<1	2
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	● 13	2	13
Lead	ppm	ASTM D5185m >25	<1	6	<1
Copper	ppm	ASTM D5185m >100	14	38	15
Tin	ppm	ASTM D5185m >10	0	2	<1
Vanadium	ppm	ASTM D5185m	0	0	<1
Cadmium	ppm	ASTM D5185m	0	0	<1

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 328	70	111	44
Barium	ppm	ASTM D5185m 1	1	0	0
Molybdenum	ppm	ASTM D5185m	3	<1	4
Manganese	ppm	ASTM D5185m	25	14	23
Magnesium	ppm	ASTM D5185m 1	11	0	8
Calcium	ppm	ASTM D5185m 7	22	12	41
Phosphorus	ppm	ASTM D5185m 1145	1128	1075	1045
Zinc	ppm	ASTM D5185m 3	64	14	41
Sulfur	ppm	ASTM D5185m 17909	24126	27251	26286

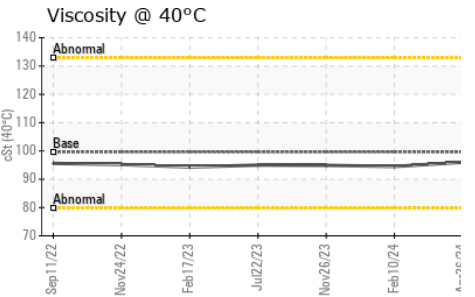
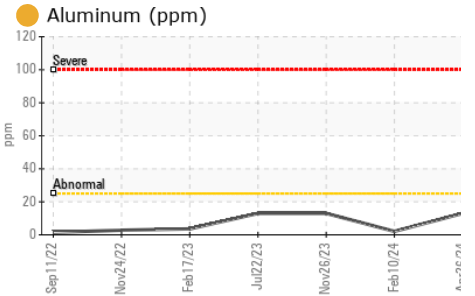
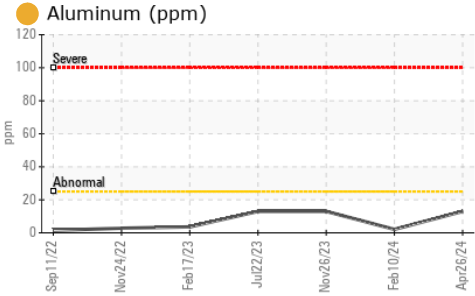
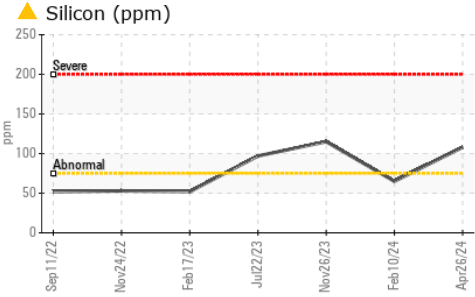
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	▲ 108	65	▲ 115
Sodium	ppm	ASTM D5185m	12	9	5
Potassium	ppm	ASTM D5185m >20	9	2	11

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	MODER
Debris	scalar	*Visual NONE	NONE	NONE	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	0.2%
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT

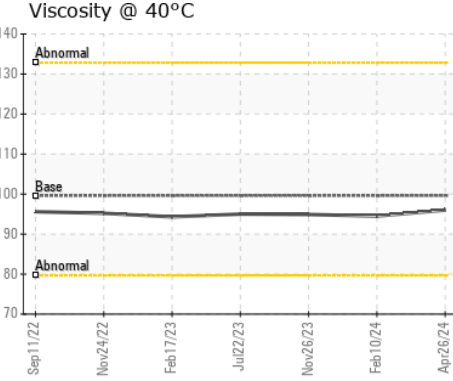
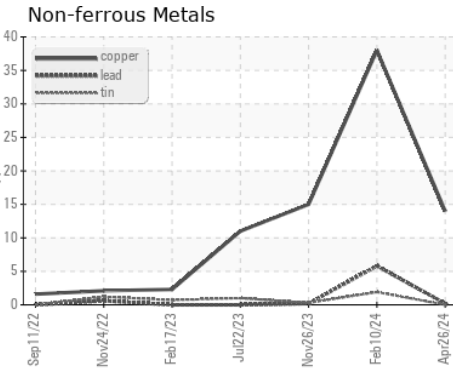
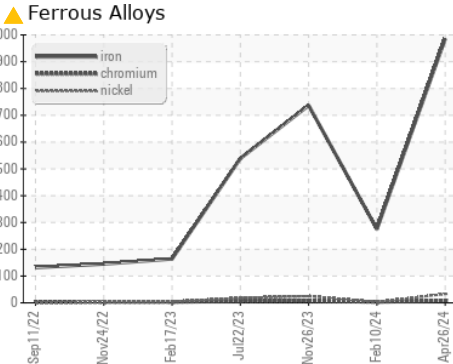


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	99.6	96.0	94.5	94.9

SAMPLE IMAGES		method	limit/base	current	history1	history2
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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. : PCA0125019
Lab Number : **06220160**
Unique Number : 11098357
Test Package : FLEET

Received : 25 Jun 2024
Tested : 26 Jun 2024
Diagnosed : 27 Jun 2024 - Sean Felton

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: