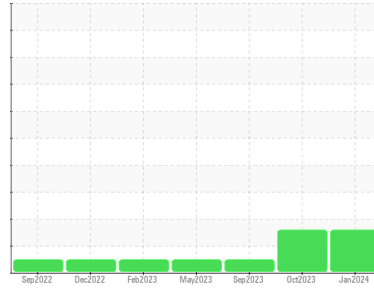


OIL ANALYSIS REPORT

Sample Rating Trend



DIRT



Machine Id
2126946

Component
1 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
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 oil is acceptable for the time in service.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		PCA0115439	PCA0108178	PCA0103348
Sample Date	Client Info		07 Jan 2024	29 Oct 2023	08 Sep 2023
Machine Age	mls	Client Info	142952	123707	103426
Oil Age	mls	Client Info	142952	123707	103426
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			ABNORMAL	ABNORMAL	NORMAL

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

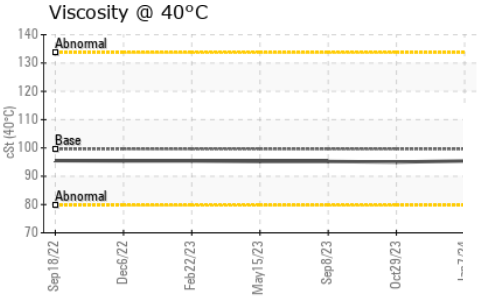
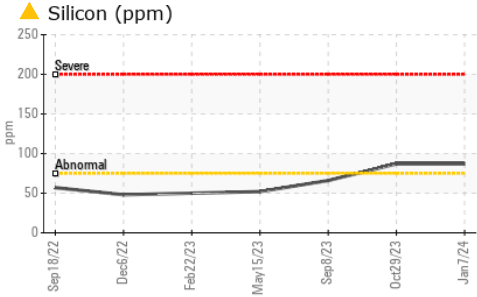
WEAR METALS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	415	399	334
Chromium	ppm	ASTM D5185m >10	5	5	4
Nickel	ppm	ASTM D5185m >10	4	5	4
Titanium	ppm	ASTM D5185m	<1	1	<1
Silver	ppm	ASTM D5185m	0	0	0
Aluminum	ppm	ASTM D5185m >25	2	2	2
Lead	ppm	ASTM D5185m >25	11	11	11
Copper	ppm	ASTM D5185m >100	44	45	38
Tin	ppm	ASTM D5185m >10	3	3	2
Vanadium	ppm	ASTM D5185m	0	<1	<1
Cadmium	ppm	ASTM D5185m	0	<1	0

ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 328	114	126	125
Barium	ppm	ASTM D5185m 1	0	0	0
Molybdenum	ppm	ASTM D5185m	0	<1	<1
Manganese	ppm	ASTM D5185m	14	15	14
Magnesium	ppm	ASTM D5185m 1	0	2	0
Calcium	ppm	ASTM D5185m 7	12	23	0
Phosphorus	ppm	ASTM D5185m 1145	1044	989	1054
Zinc	ppm	ASTM D5185m 3	2	2	0
Sulfur	ppm	ASTM D5185m 17909	27004	27283	26406

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	▲ 87	▲ 87	66
Sodium	ppm	ASTM D5185m	11	10	10
Potassium	ppm	ASTM D5185m >20	1	4	<1

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	MODER	LIGHT
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	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT

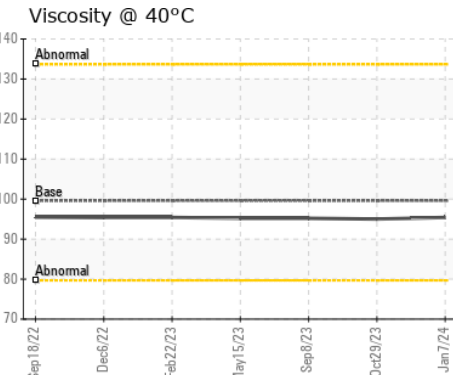
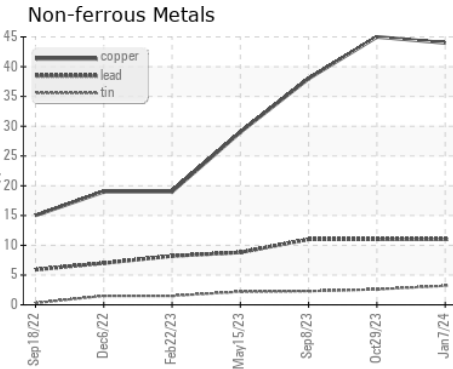
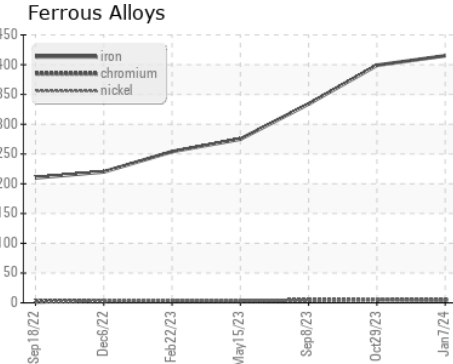


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	99.6	95.4	95.0	95.2

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. : PCA0115439
Lab Number : 06118664
Unique Number : 10927497
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: