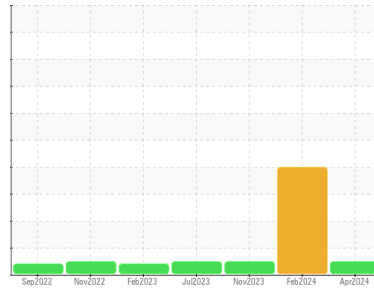


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
2126977

Component
1 Differential

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

Wear

All component wear rates are normal.

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			PCA0125018	PCA0117934	PCA0113258
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				NORMAL	ABNORMAL	NORMAL

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

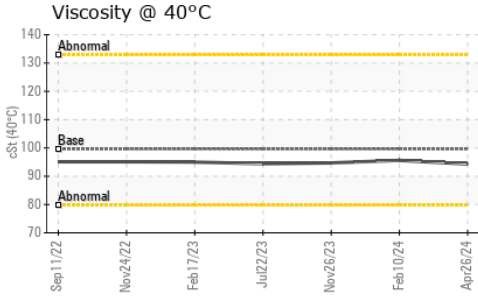
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	315	▲ 821	273
Chromium	ppm	ASTM D5185m	>10	4	8	4
Nickel	ppm	ASTM D5185m	>10	5	▲ 28	4
Titanium	ppm	ASTM D5185m		<1	1	1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	● 13	2
Lead	ppm	ASTM D5185m	>25	6	0	6
Copper	ppm	ASTM D5185m	>100	39	13	39
Tin	ppm	ASTM D5185m	>10	1	1	2
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	109	60	129
Barium	ppm	ASTM D5185m	1	6	0	0
Molybdenum	ppm	ASTM D5185m		<1	3	2
Manganese	ppm	ASTM D5185m		15	23	15
Magnesium	ppm	ASTM D5185m	1	6	0	23
Calcium	ppm	ASTM D5185m	7	10	29	37
Phosphorus	ppm	ASTM D5185m	1145	1137	1072	1042
Zinc	ppm	ASTM D5185m	3	36	42	29
Sulfur	ppm	ASTM D5185m	17909	24759	27320	26287

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	67	▲ 109	65
Sodium	ppm	ASTM D5185m		9	7	8
Potassium	ppm	ASTM D5185m	>20	4	8	4

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	NONE	LIGHT
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



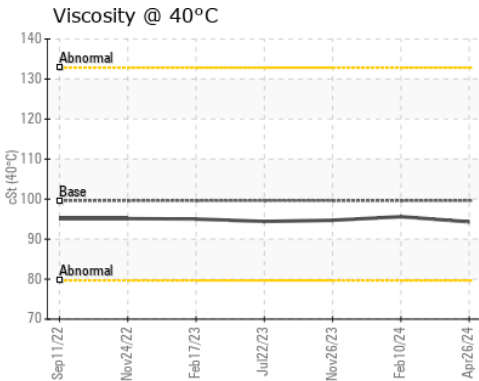
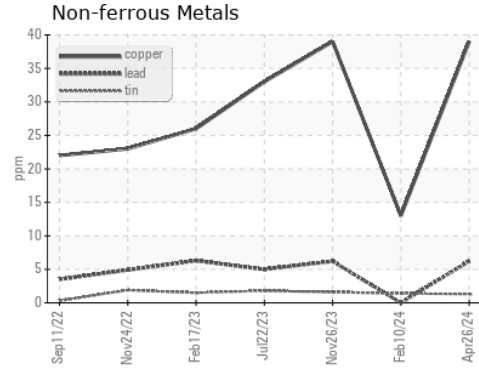
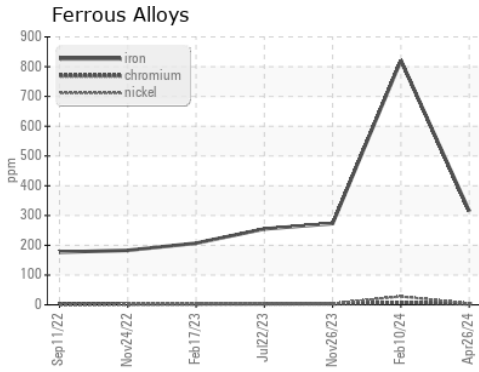
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	99.6	95.6	94.7

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. : PCA0125018 **Received** : 25 Jun 2024
Lab Number : 06220161 **Tested** : 26 Jun 2024
Unique Number : 11098358 **Diagnosed** : 26 Jun 2024 - Wes Davis
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: