



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
2126985
 Component
Front Differential
 Fluid
PETRO CANADA TRAXON SYNTHETIC 75W90 (--- QTS)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0128347	PCA0128346	PCA0115461
Sample Date		Client Info		09 Jun 2024	09 Jun 2024	02 Jan 2024
Machine Age	mls	Client Info		97023	97023	56917
Oil Age	mls	Client Info		97023	97023	56917
Filter Age	mls	Client Info		97023	97023	56917
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	ABNORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	227	385	198
Chromium	ppm	ASTM D5185m	>10	2	3	2
Nickel	ppm	ASTM D5185m	>10	2	▲ 17	2
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	2	10	2
Lead	ppm	ASTM D5185m	>25	8	0	7
Copper	ppm	ASTM D5185m	>100	33	5	33
Tin	ppm	ASTM D5185m	>10	0	0	3
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

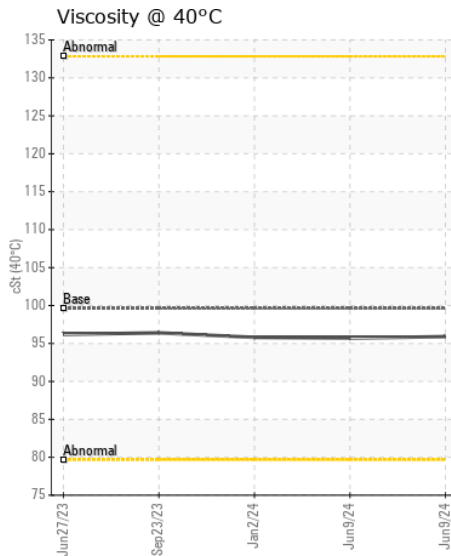
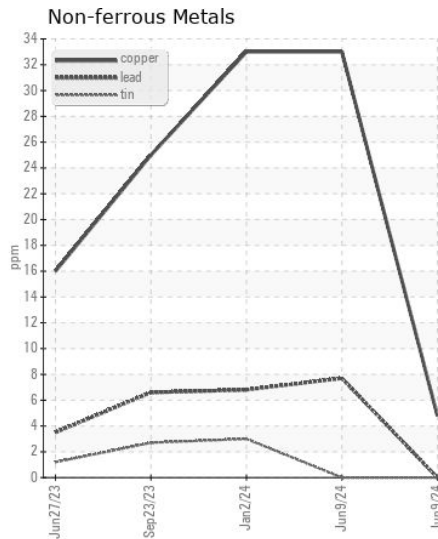
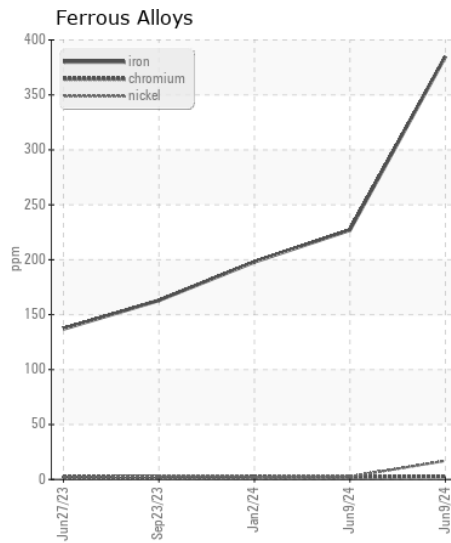
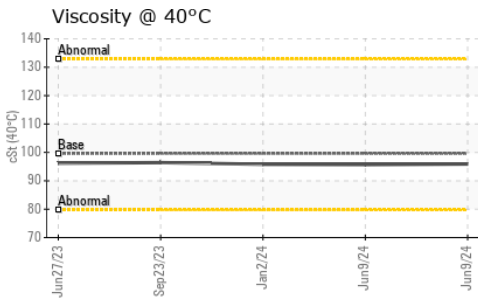
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	56	60	55
Potassium	ppm	ASTM D5185m	>20	5	9	2
Water		WC Method	>.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
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

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		9	10	10
Boron	ppm	ASTM D5185m	328	124	105	134
Barium	ppm	ASTM D5185m	1	6	1	0
Molybdenum	ppm	ASTM D5185m		<1	3	<1
Manganese	ppm	ASTM D5185m		10	16	10
Magnesium	ppm	ASTM D5185m	1	4	5	0
Calcium	ppm	ASTM D5185m	7	30	34	18
Phosphorus	ppm	ASTM D5185m	1145	1113	1131	1066
Zinc	ppm	ASTM D5185m	3	25	66	9
Sulfur	ppm	ASTM D5185m	17909	29961	30135	27067
Visc @ 40°C	cSt	ASTM D445	99.6	95.9	95.7	95.8



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : PCA0128347

Lab Number : 06220165

Unique Number : 11098362

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

T:

F:

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)