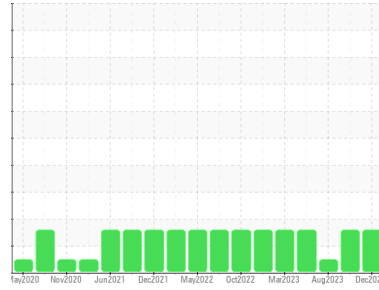


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
1926751

Component
Transmission

Fluid
PETRO CANADA TRAXON SYNTHETIC CD-50 (--- 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 fluid is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PCA0115451	PCA0109379	PCA0101670
Sample Date	Client Info	25 Dec 2023	17 Oct 2023	14 Aug 2023
Machine Age	mls	Client Info	354052	335011
Oil Age	mls	Client Info	354052	335011
Oil Changed	Client Info	Not Changed	Not Changed	Not Changed
Sample Status		ABNORMAL	ABNORMAL	NORMAL

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	NEG	NEG

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >200	29	31	25
Chromium	ppm ASTM D5185m >10	0	<1	<1
Nickel	ppm ASTM D5185m	0	<1	0
Titanium	ppm ASTM D5185m	0	<1	0
Silver	ppm ASTM D5185m	0	0	0
Aluminum	ppm ASTM D5185m >50	<1	1	<1
Lead	ppm ASTM D5185m >50	0	0	<1
Copper	ppm ASTM D5185m >200	64	70	59
Tin	ppm ASTM D5185m >10	0	0	0
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 139	1	3	2
Barium	ppm ASTM D5185m 1	0	0	0
Molybdenum	ppm ASTM D5185m	<1	1	<1
Manganese	ppm ASTM D5185m	6	7	6
Magnesium	ppm ASTM D5185m 1	0	3	0
Calcium	ppm ASTM D5185m 30	743	805	723
Phosphorus	ppm ASTM D5185m 309	616	559	583
Zinc	ppm ASTM D5185m 1	<1	0	0
Sulfur	ppm ASTM D5185m 1340	3704	4013	3591

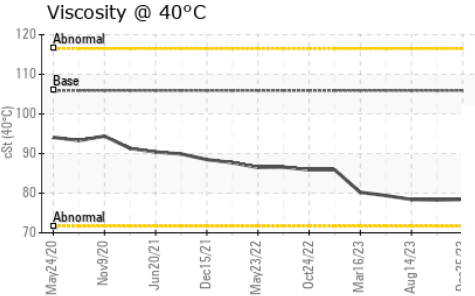
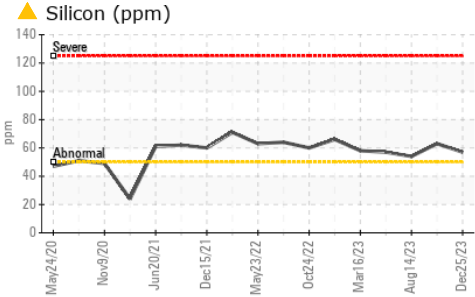
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >50	▲ 57	▲ 63	54
Sodium	ppm ASTM D5185m	<1	0	<1
Potassium	ppm ASTM D5185m >20	0	3	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	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 >0.1	NEG	NEG	NEG
Free Water	scalar *Visual	NEG	NEG	NEG

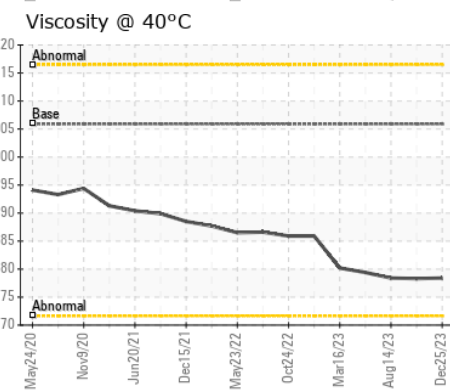
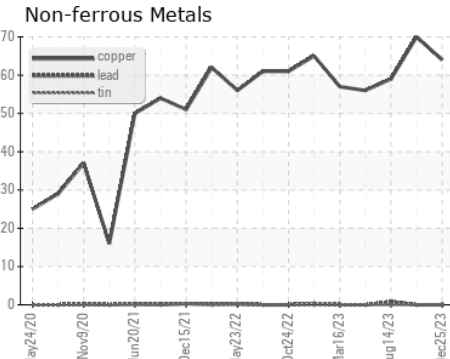
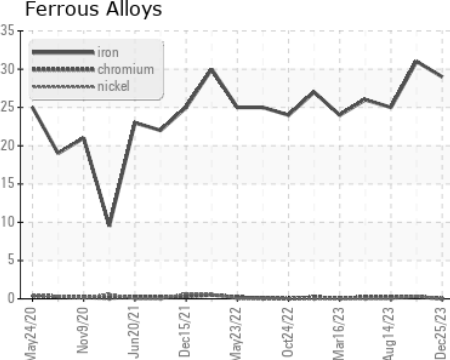
OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	105.9	78.4	78.3	78.4

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0115451
Lab Number : 06118732
Unique Number : 10927565
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
 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)