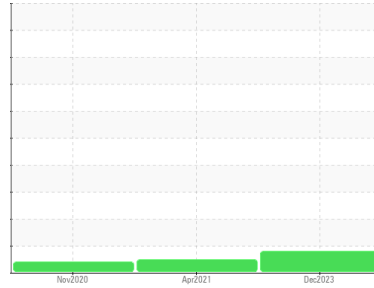


OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
20-82

Component
Right Final Drive

Fluid
PETRO CANADA TRAXON 80W90 (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

▲ Wear

Gear wear is indicated. All other 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		PCA0056872	PCA0023981	PCA0024059
Sample Date	Client Info		27 Dec 2023	10 Apr 2021	25 Nov 2020
Machine Age	hrs	Client Info	6879	4169	3753
Oil Age	hrs	Client Info	0	4169	3753
Oil Changed	Client Info		N/A	Changed	Changed
Sample Status			ABNORMAL	NORMAL	ABNORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	▲ 588	192	400
Chromium	ppm	ASTM D5185m >10	4	2	4
Nickel	ppm	ASTM D5185m >10	1	1	2
Titanium	ppm	ASTM D5185m	<1	<1	<1
Silver	ppm	ASTM D5185m	0	<1	0
Aluminum	ppm	ASTM D5185m >25	5	3	6
Lead	ppm	ASTM D5185m >25	0	<1	<1
Copper	ppm	ASTM D5185m >50	<1	1	<1
Tin	ppm	ASTM D5185m >10	0	<1	0
Antimony	ppm	ASTM D5185m >5	---	0	0
Vanadium	ppm	ASTM D5185m	0	<1	0
Cadmium	ppm	ASTM D5185m	0	<1	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 243	206	81	35
Barium	ppm	ASTM D5185m 1	0	0	1
Molybdenum	ppm	ASTM D5185m	0	4	0
Manganese	ppm	ASTM D5185m	5	3	4
Magnesium	ppm	ASTM D5185m 2	0	26	2
Calcium	ppm	ASTM D5185m 6	57	271	16
Phosphorus	ppm	ASTM D5185m 987	1233	855	442
Zinc	ppm	ASTM D5185m 1	12	226	19
Sulfur	ppm	ASTM D5185m 21530	20335	17659	15441

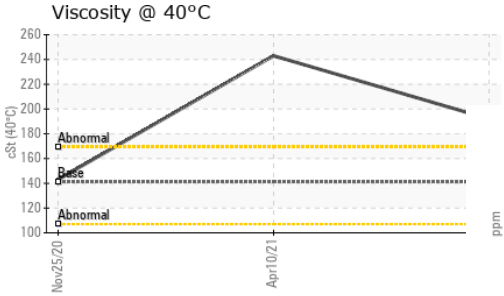
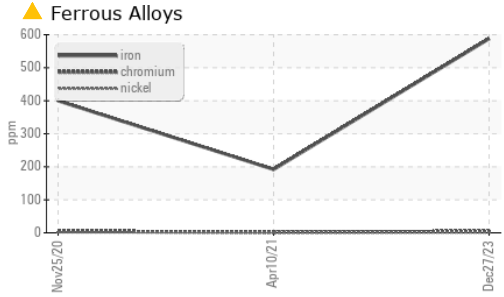
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	43	19	40
Sodium	ppm	ASTM D5185m	<1	<1	<1
Potassium	ppm	ASTM D5185m >20	0	<1	0

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	MODER	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	LIGHT	LIGHT	▲ MODER
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 >0.2	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

OIL ANALYSIS REPORT



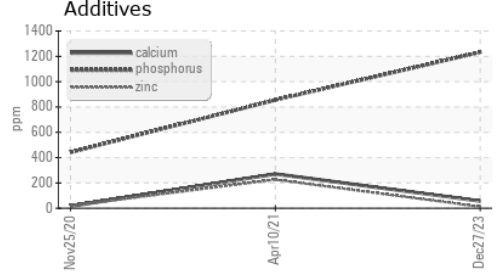
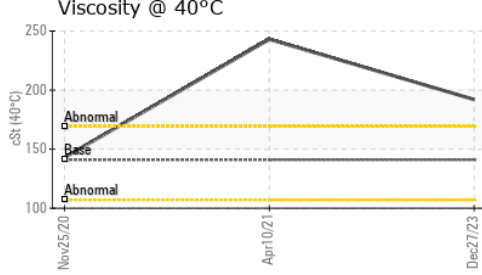
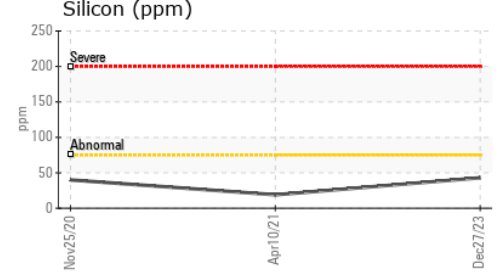
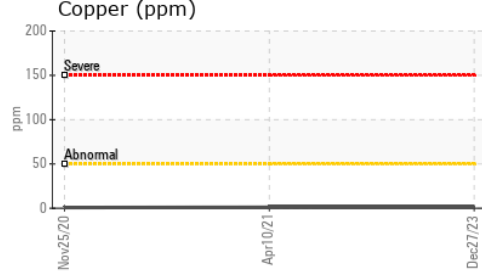
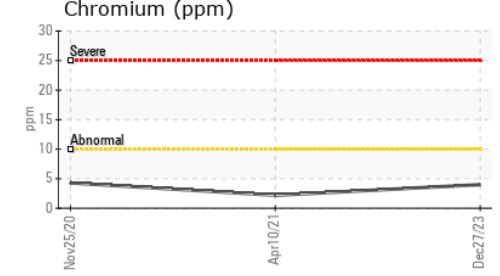
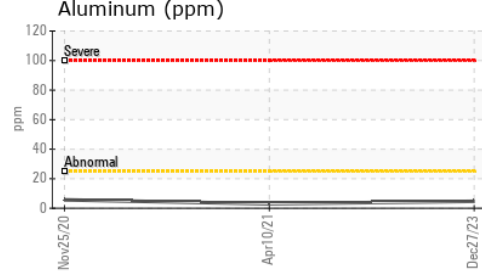
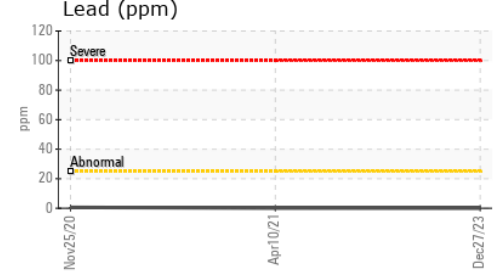
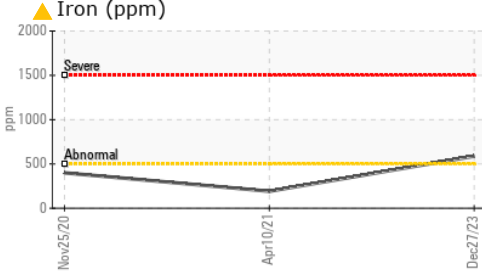
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	141.0	192	243

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. : PCA0056872 **Recieved** : 25 Jan 2024
Lab Number : *06070776 **Diagnosed** : 28 Jan 2024
Unique Number : 10847453 **Diagnostician** : Don Baldrige
Test Package : MOB 1

JOHNSON DAVIS CONTRACTORS
 604 HILBRATH DR
 LANTANA, FL
 US 33462
 Contact: GENE GARDNER
 ggardner@johnsondavis.com
 T: (561)588-1170
 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)