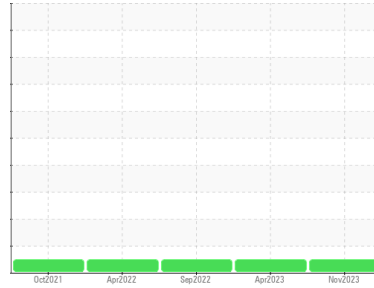


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
DT797

Component
Front Differential

Fluid
PETRO CANADA TRAXON SYNTHETIC 75W90 (4 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

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		PCA0103288	PCA0091238	PCA0074823
Sample Date	Client Info		01 Nov 2023	05 Apr 2023	27 Sep 2022
Machine Age	hrs	Client Info	127613	101473	76202
Oil Age	hrs	Client Info	102342	25271	76202
Oil Changed	Client Info		Not Chngd	Not Chngd	Changed
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >500	116	135	150
Chromium	ppm	ASTM D5185m >10	<1	1	<1
Nickel	ppm	ASTM D5185m >10	0	<1	<1
Titanium	ppm	ASTM D5185m	0	0	<1
Silver	ppm	ASTM D5185m	0	0	2
Aluminum	ppm	ASTM D5185m >25	3	1	<1
Lead	ppm	ASTM D5185m >25	0	0	4
Copper	ppm	ASTM D5185m >100	0	<1	47
Tin	ppm	ASTM D5185m >10	0	0	<1
Vanadium	ppm	ASTM D5185m	0	0	2
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 328	207	234	248
Barium	ppm	ASTM D5185m 1	0	0	0
Molybdenum	ppm	ASTM D5185m	18	21	1
Manganese	ppm	ASTM D5185m	2	3	14
Magnesium	ppm	ASTM D5185m 1	178	203	0
Calcium	ppm	ASTM D5185m 7	235	302	0
Phosphorus	ppm	ASTM D5185m 1145	1292	1489	1493
Zinc	ppm	ASTM D5185m 3	272	311	0
Sulfur	ppm	ASTM D5185m 17909	19653	18245	25056

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >75	24	18	47
Sodium	ppm	ASTM D5185m	3	2	6
Potassium	ppm	ASTM D5185m >20	<1	<1	1

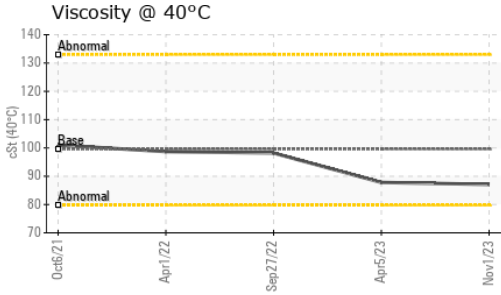
VISUAL

	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	LIGHT	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
Free Water	scalar	*Visual	NEG	NEG	NEG

FLUID PROPERTIES

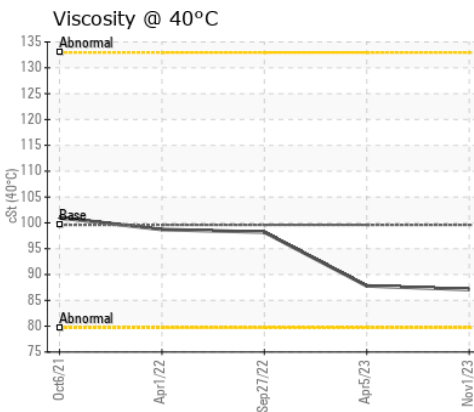
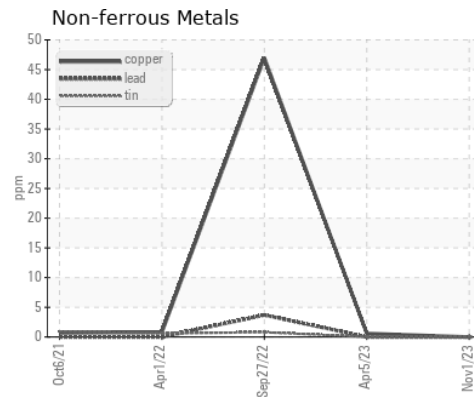
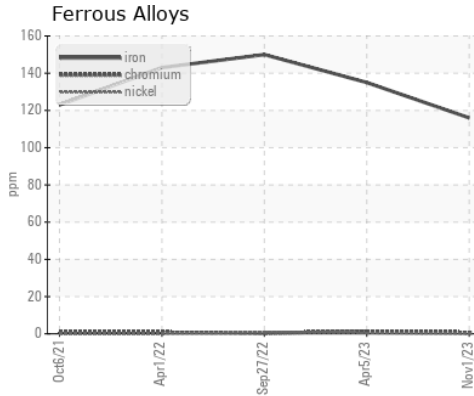
	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 99.6	87.1	87.8	98.2

OIL ANALYSIS REPORT



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. : PCA0103288
Lab Number : 05999414
Unique Number : 10727774
Test Package : FLEET

NW WHITE & CO - ANDERSON DIVISION
 2605 RIVER RD
 PIEDMONT, SC
 US 29673
 Contact: James Threatt
 jthreatt@nwwhite.com
 T: (864)918-4646
 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)