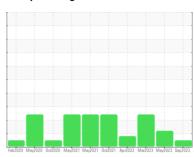


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id **26509**

Component

Front Differential

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

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

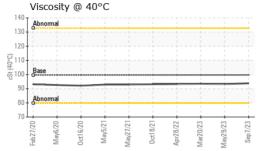
Fluid Condition

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

		TOULDED HIGH	020 Oct2020 May2021 May2			
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0105491	PCA0099764	PCA009370
Sample Date		Client Info		07 Sep 2023	29 May 2023	20 Mar 2023
Machine Age	mls	Client Info		475322	449846	426901
Oil Age	mls	Client Info		475322	449846	426901
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	ABNORMAL	ABNORMAL
CONTAMINATI	ION	method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG	NEG	NEG
WEAR METALS	S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>500	388	▲ 398	▲ 390
Chromium	ppm	ASTM D5185m	>10	3	4	4
Nickel	ppm	ASTM D5185m	>10	6	6	6
Γitanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	4	6	6
_ead	ppm	ASTM D5185m	>25	34	34	32
Copper	ppm	ASTM D5185m	>100	35	37	36
Γin	ppm	ASTM D5185m	>10	2	2	3
/anadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	328	116	105	196
Barium	ppm	ASTM D5185m	1	0	0	<1
Molybdenum	ppm	ASTM D5185m		<1	0	<1
Manganese	ppm	ASTM D5185m		9	10	10
Magnesium	ppm	ASTM D5185m	1	0	1	4
Calcium	ppm	ASTM D5185m	7	0	17	17
Phosphorus	ppm					
	PP	ASTM D5185m	1145	1455	1489	1455
Zinc	ppm	ASTM D5185m ASTM D5185m		1455 8	1489 28	1455 18
			3			
	ppm	ASTM D5185m	3	8	28	18 28468
Sulfur CONTAMINAN	ppm	ASTM D5185m ASTM D5185m	3 17909 limit/base	8 24435	28 27725	18 28468
Sulfur CONTAMINAN Silicon	ppm ppm	ASTM D5185m ASTM D5185m method	3 17909 limit/base	8 24435 current	28 27725 history1	18 28468 history2
Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm ppm TS ppm	ASTM D5185m ASTM D5185m method ASTM D5185m	3 17909 limit/base >75	8 24435 current 66	28 27725 history1 66	18 28468 history2
Sulfur CONTAMINAN Silicon Sodium	ppm ppm TS ppm ppm	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m	3 17909 limit/base >75	8 24435 current 66 10	28 27725 history1 66 11	18 28468 history2 • 66 10 53
Gulfur CONTAMINAN Silicon Sodium Potassium VISUAL	ppm ppm TS ppm ppm	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m	3 17909 limit/base >75 >20	8 24435 current 66 10 48	28 27725 history1 66 11 54	18 28468 history2 66 10 53
Gulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal	ppm ppm TS ppm ppm ppm	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m method	3 17909 limit/base >75 >20 limit/base	8 24435 current 66 10 48 current	28 27725 history1 66 11 54 history1	18 28468 history2 66 10 53 history2
CONTAMINAN CONTAMINAN Silicon Sodium Cotassium VISUAL White Metal Yellow Metal	ppm ppm TS ppm ppm ppm	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method *Visual	3 17909 limit/base >75 >20 limit/base NONE	8 24435 current 66 10 48 current NONE	28 27725 history1 66 11 54 history1 NONE	18 28468 history2 66 10 53 history2 NONE
CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm TS ppm ppm ppm scalar scalar	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method *Visual	3 17909 limit/base >75 >20 limit/base NONE NONE	8 24435 current 66 10 48 current NONE	28 27725 history1 66 11 54 history1 NONE	18 28468 history2 66 10 53 history2 NONE NONE
Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm TS ppm ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m wethod *Visual *Visual *Visual	3 17909 limit/base >75 >20 limit/base NONE NONE	8 24435 current 66 10 48 current NONE NONE	28 27725 history1 66 11 54 history1 NONE NONE	18 28468 history2 66 10 53 history2 NONE NONE NONE
CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm TS ppm ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual	3 17909 limit/base >75 >20 limit/base NONE NONE NONE	8 24435 current 66 10 48 current NONE NONE NONE LIGHT	28 27725 history1 66 11 54 history1 NONE NONE NONE NONE	18 28468 history2 66 10 53 history2 NONE NONE NONE NONE
CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm TS ppm ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual	3 17909 limit/base >75 >20 limit/base NONE NONE NONE NONE	8 24435 current 66 10 48 current NONE NONE NONE LIGHT NONE	28 27725 history1 66 11 54 history1 NONE NONE NONE NONE NONE NONE MODER	18 28468 history2 66 10 53 history2 NONE NONE NONE NONE NONE NONE
CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance	ppm ppm TS ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	3 17909 limit/base >75 >20 limit/base NONE NONE NONE NONE NONE NONE NONE NON	8 24435 current 66 10 48 current NONE NONE NONE LIGHT NONE NONE	28 27725 history1 66 11 54 history1 NONE NONE NONE NONE NONE NONE NONE NON	18 28468 history2 66 10 53 history2 NONE NONE NONE NONE NONE NONE NONE NON
Sulfur CONTAMINAN Silicon Sodium Potassium	ppm ppm TS ppm ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m Method *Visual *Visual	3 17909 limit/base >75 >20 limit/base NONE NONE NONE NONE NONE NONE NONE NON	8 24435 current 66 10 48 current NONE NONE NONE NONE NONE LIGHT NONE NONE NONE NONE NONE	28 27725 history1 66 11 54 history1 NONE NONE NONE NONE NONE NONE NONE NON	18 28468 history2 66 10 53 history2 NONE NONE NONE NONE NONE NONE NONE NON

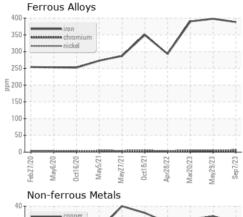


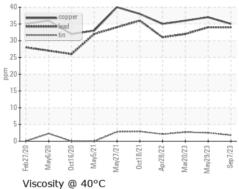
OIL ANALYSIS REPORT

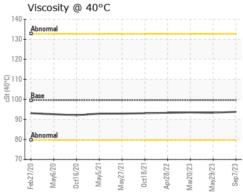


FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	99.6	93.8	93.3	93.5
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image

GRAPHS









Certificate L2367

Laboratory Sample No.

Lab Number **Unique Number** Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0105491 : 06031964 : 10781755

Received Diagnosed

: 11 Dec 2023 : 14 Dec 2023 Diagnostician : Sean Felton

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: