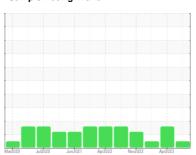


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id 1926730

Component **Transmission**

PETRO CANADA TRAXON SYNTHETIC CD-50 (25 QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

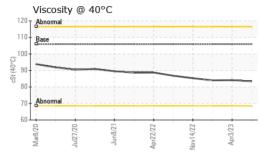
Fluid Condition

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

	-50 (25 Q I S)		Mar2020	Jul2020 Jun2021	Apr2022 Nov2022 Ap	or2023	
Sample Date	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 232705 212719 193435 Oil Age hrs Client Info 232705 212719 193435 Oil Changed Client Info Not Changd Not Changd Not Changd Sample Status Image: Control of the page of	Sample Number		Client Info		PCA0100728	PCA0095207	PCA0091080
Oil Age hrs Client Info 232705 212719 193435 Oil Changed Sample Status Client Info Not Changd NORMAL Not Changd ABNORMAL Not Changd NORMAL Normal Not Changd Normal Not Chan	Sample Date		Client Info		26 Jun 2023	03 Apr 2023	23 Jan 2023
Not Change Not Change Not Change Not Change North	Machine Age	hrs	Client Info		232705	212719	193435
Not Change Not Change Not Change Not Change North	Oil Age	hrs	Client Info		232705	212719	193435
NORMAL ABNORMAL NORMAL	•		Client Info		Not Changd	Not Changd	Not Changd
Iron	-					Ŭ	Ü
Chromium	WEAR METALS	S	method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>200	31	30	29
Titanium ppm ASTM D5185m 0 <1 0 Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m >50 2 2 2 2 Lead ppm ASTM D5185m >50 0 <1 0 Copper ppm ASTM D5185m >20 58 51 56 Tin ppm ASTM D5185m >20 0 <1 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method Imit/base current history1 history2 Boron ppm ASTM D5185m 1 0 0 0 ADDITIVES method Imit/base current history1 history2 Boron ppm ASTM D5185m 1 0 0 0	Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Silver	Nickel	ppm	ASTM D5185m		0	<1	<1
Silver	Titanium	ppm	ASTM D5185m		0	<1	0
Aluminum ppm ASTM D5185m >50 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Silver		ASTM D5185m		0	0	0
Lead ppm ASTM D5185m >50 0 <1 0 Copper ppm ASTM D5185m >200 58 51 56 Tin ppm ASTM D5185m >10 0 <1 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 Boron ppm ASTM D5185m 1 0 0 0 0 Manganese ppm ASTM D5185m 1 0 0 1 <1 Manganese ppm ASTM D5185m 1 2 5 <1 <1 Manganesium ppm ASTM D5185m 1 2 5 <1 <1 <1 <1 <1 <1	Aluminum		ASTM D5185m	>50	2	2	2
Copper ppm ASTM D5185m >200 58 51 56 Tin ppm ASTM D5185m >10 0 <1					0	<1	0
Tin ppm ASTM D5185m >10 0 <1 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Boron ppm ASTM D5185m 139 0 2 2 2 Barium ppm ASTM D5185m 1 0 0 0 0 Molybdenum ppm ASTM D5185m 1 0 0 0 0 Manganese ppm ASTM D5185m 1 2 5 <1 1 <1 Manganesium ppm ASTM D5185m 30 782 794 767 <1 2 5 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <							
Vanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 139 0 2 2 2 Barium ppm ASTM D5185m 1 0 0 0 0 Molybdenum ppm ASTM D5185m 0 1 <1 1 <1 Manganese ppm ASTM D5185m 7 7 7 7 7 Magnesium ppm ASTM D5185m 30 782 794 767 767 Phosphorus ppm ASTM D5185m 309 617 649 605 605 Zinc ppm ASTM D5185m 309 617 649 605 Sulfur ppm ASTM D5185m 1 10 7 11 11 Sulfur							
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 139 0 2 2 Barium ppm ASTM D5185m 1 0 0 0 Molybdenum ppm ASTM D5185m 0 1 <1							
ADDITIVES					-		
Barium ppm ASTM D5185m 1 0 0 0 Molybdenum ppm ASTM D5185m 0 1 <1	ADDITIVES		method	limit/base	current	history1	history2
Barium ppm ASTM D5185m 1 0 0 0 Molybdenum ppm ASTM D5185m 0 1 <1	Boron	ppm	ASTM D5185m	139	0	2	2
Molybdenum ppm ASTM D5185m 0 1 <1 Manganese ppm ASTM D5185m 7 7 7 Magnesium ppm ASTM D5185m 1 2 5 <1 Calcium ppm ASTM D5185m 30 782 794 767 Phosphorus ppm ASTM D5185m 309 617 649 605 Zinc ppm ASTM D5185m 1 10 7 11 Sulfur ppm ASTM D5185m 1 10 7 11 Sulfur ppm ASTM D5185m 1340 4009 4324 3983 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 49 50 49 Sodium ppm ASTM D5185m >20 0 1 <1 VISUAL method limit/base current history1 history2 </td <td>Barium</td> <td></td> <td>ASTM D5185m</td> <td>1</td> <td></td> <td></td> <td></td>	Barium		ASTM D5185m	1			
Manganese ppm ASTM D5185m 7 7 7 Magnesium ppm ASTM D5185m 1 2 5 <1					-		
Magnesium ppm ASTM D5185m 1 2 5 <1 Calcium ppm ASTM D5185m 30 782 794 767 Phosphorus ppm ASTM D5185m 309 617 649 605 Zinc ppm ASTM D5185m 1 10 7 11 Sulfur ppm ASTM D5185m 1340 4009 4324 3983 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 49 50 49 Sodium ppm ASTM D5185m >50 49 50 49 Sodium ppm ASTM D5185m >20 0 1 <1	-						
Calcium ppm ASTM D5185m 30 782 794 767 Phosphorus ppm ASTM D5185m 309 617 649 605 Zinc ppm ASTM D5185m 1 10 7 11 Sulfur ppm ASTM D5185m 1340 4009 4324 3983 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 49 ▲ 50 49 Sodium ppm ASTM D5185m >50 49 ▲ 50 49 Sodium ppm ASTM D5185m >20 0 1 <1	· ·			1			-
Phosphorus ppm ASTM D5185m 309 617 649 605 Zinc ppm ASTM D5185m 1 10 7 11 Sulfur ppm ASTM D5185m 1340 4009 4324 3983 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 49 50 49 Sodium ppm ASTM D5185m >20 0 1 <1	<u> </u>						
Zinc ppm ASTM D5185m 1 10 7 11 Sulfur ppm ASTM D5185m 1340 4009 4324 3983 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 49 50 49 Sodium ppm ASTM D5185m >20 0 1 <1 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE NONE NONE NON					-		
Sulfur ppm ASTM D5185m 1340 4009 4324 3983 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 49 ▲ 50 49 Sodium ppm ASTM D5185m >20 0 1 <1 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE NONE NONE NON							
Silicon ppm ASTM D5185m >50 49 ▲ 50 49 Sodium ppm ASTM D5185m <1 <1					-		
Sodium ppm ASTM D5185m	CONTAMINAN	TS	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 0 1 <1 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML The Material Potal NORML NORML NORML NORML The Material Potal Norm NORML NORML NORML NORML The Material Potal Norm NORML NORML NORML NORML NORML The Material Potal Norm Norm Norm Norm Norm Norm Norm Norm	Silicon	ppm	ASTM D5185m	>50	49	△ 50	49
VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE 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 Free Water scalar *Visual NEG NEG FLUID PROPERTIES method limit/base current history1 history2	Sodium	ppm	ASTM D5185m		<1	<1	1
White Metal scalar *Visual NONE 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 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 NORML NOR	Potassium	ppm	ASTM D5185m	>20	0	1	<1
Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGFLUID PROPERTIESmethodlimit/basecurrenthistory1history2	VISUAL		method	limit/base	current	history1	history2
Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG NEG Free Water scalar *Visual NEG NEG NEG FLUID PROPERTIES method limit/base current history1 history2	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silt scalar *Visual NONE 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 FLUID PROPERTIES method limit/base current history1 history2	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debris scalar *Visual NONE 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 NORML Emulsified Water scalar *Visual >0.1 NEG NEG NEG Free Water scalar *Visual NEG NEG NEG FLUID PROPERTIES method limit/base current history1 history2	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGFree Waterscalar*VisualNEGNEGNEGFLUID PROPERTIESmethodlimit/basecurrenthistory1history2	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance scalar *Visual NORML NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG NEG Free Water scalar *Visual NEG NEG NEG FLUID PROPERTIES method limit/base current history1 history2	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG NEG Free Water scalar *Visual Imit/base current history1 history2	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG NEG NEG NEG Free Water scalar *Visual NEG	Appearance	scalar	*Visual	NORML	NORML		NORML
Emulsified Water scalar *Visual >0.1 NEG NEG NEG Free Water scalar *Visual NEG NEG NEG FLUID PROPERTIES method limit/base current history1 history2	• •						
Free Water scalar *Visual NEG NEG NEG FLUID PROPERTIES method limit/base current history1 history2							
				-			
Visc @ 40°C	FLUID PROPE	RTIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt		105.9	83.4		



OIL ANALYSIS REPORT

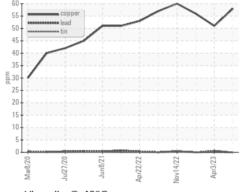


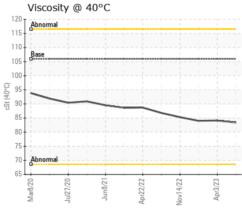


GRAPHS



Non-ferrous Metals









Certificate L2367

Laboratory Sample No. Lab Number Unique Number : 10616476 Test Package : FLEET

: 05931205

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: PCA0100728

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 22 Aug 2023 Diagnosed : 23 Aug 2023 Diagnostician : Don Baldridge

PERDUE FARMS - GEORGETOWN

20621 SAVANAH RD GEORGETOWN, DE US 19947

Contact: ROBERT LOCKWOOD

Robert.Lockwood@Perdue.com

* - 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: