

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id **2026793**

Component **Transmission**

PETRO CANADA TRAXON SYNTHETIC MTF 75W80 (--- 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 fluid.

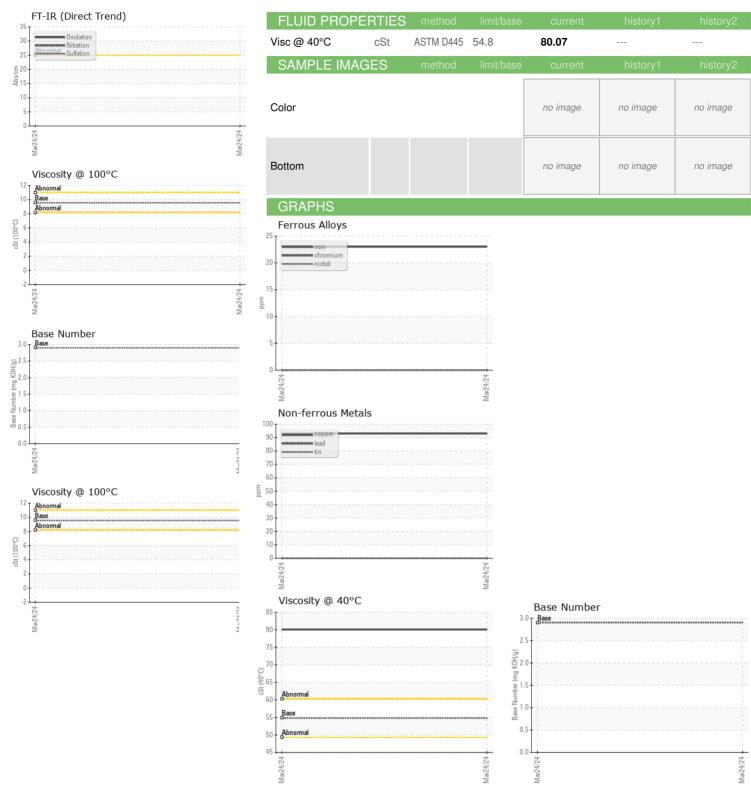
Fluid Condition

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

Sample Number Client Info PCA0114775	F 75W80 (GA	AL)			Mar2024		
Cample Date Client Info 24 Mar 2024	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Machine Age mls Client Info 100000 Did Age mls Client Info 100000 Did Changed Client Info 100000 Sample Status NORMAL CONTAMINATION method imit/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method imit/base current history1 history2 Tron ppm ASTM D5185m >200 23 Chromium ppm ASTM D5185m >10 0 Chromium ppm ASTM D5185m >10 0 Citalium ppm ASTM D5185m >50 0 Citalium ppm ASTM D5185m >50 <1 Canadium ppm ASTM D5185m >50 0 Canadium ppm ASTM D5185m >0 Canadium ppm ASTM D5185m 0 ADDITIVES method imit/base current history1 history2 ASTM D5185m 0 0 AGRIGADES ppm ASTM D5185m 0 0 Aggnesium ppm ASTM D5185m 7 Aggnesium ppm ASTM D5185m 7 Aggnesium ppm ASTM D5185m 7 11 ASTM D5185m 50 43 CONTAMINANTS method imit/base current history1 history2 CONTAMINANTS method imit/base current history1 history2 VISUAL method imit/base c	Sample Number		Client Info		PCA0114775		
Machine Age mls Client Info 300000	Sample Date		Client Info		24 Mar 2024		
Dil Changed	•	mls	Client Info		300000		
Contamper Cont	Oil Age	mls	Client Info		100000		
CONTAMINATION method limit/base current history1 history2	•		Client Info		Not Changd		
WEAR METALS	Sample Status						
WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >200 23 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m 0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 0 Lead ppm ASTM D5185m >50 <1	CONTAMINAT	ΓΙΟΝ	method	limit/base	current	history1	history2
Chromium	Water		WC Method	>0.1	NEG		
Description	WEAR METAL	_S	method	limit/base	current	history1	history2
ASTM D5185m O	ron	ppm	ASTM D5185m	>200	23		
Silver	Chromium	ppm	ASTM D5185m	>10	0		
ASTM D5185m D	Nickel	ppm	ASTM D5185m		0		
ASTM D5185m >50	Fitanium	ppm	ASTM D5185m		<1		
Astmorphism	Silver	ppm	ASTM D5185m		0		
December December	Aluminum		ASTM D5185m	>50	<1		
Description	ead		ASTM D5185m	>50	0		
ASTM D5185m Page	Copper	ppm	ASTM D5185m	>200	93		
Astronomega				>10	0		
ADDITIVES	/anadium		ASTM D5185m		0		
Soron ppm ASTM D5185m 0 0 0 0 0 0 0 0 0							
Barium	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m <1	Boron	ppm	ASTM D5185m	0	11		
Manganese ppm ASTM D5185m 7 Magnesium ppm ASTM D5185m 3 18 Calcium ppm ASTM D5185m 731 711 Phosphorus ppm ASTM D5185m 628 615 Zinc ppm ASTM D5185m 1 42 Zinc ppm ASTM D5185m 2556 4090 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 43 Sodium ppm ASTM D5185m >20 <1	Barium	ppm	ASTM D5185m	0	0		
Magnesium ppm ASTM D5185m 3 18 Calcium ppm ASTM D5185m 731 711 Phosphorus ppm ASTM D5185m 628 615 Zinc ppm ASTM D5185m 1 42 Sulfur ppm ASTM D5185m 2556 4090 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 43 Sodium ppm ASTM D5185m >20 <1	Molybdenum	ppm	ASTM D5185m		<1		
Calcium ppm ASTM D5185m 731 711 Phosphorus ppm ASTM D5185m 628 615 Zinc ppm ASTM D5185m 1 42 Sulfur ppm ASTM D5185m 2556 4090 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 2 Potassium ppm ASTM D5185m 20 <1	Manganese	ppm	ASTM D5185m		7		
Phosphorus ppm ASTM D5185m 628 615 Zinc ppm ASTM D5185m 1 42 Sulfur ppm ASTM D5185m 2556 4090 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 43 Bodium ppm ASTM D5185m 2 Potassium ppm ASTM D5185m 20 <1 VISUAL method limit/base current history1 history2 VISUAL method limit/base current history1 history2 VISUAL method limit/base current history1 history2 Visual NONE NONE Precipitate scalar *Visual NONE NONE	Magnesium	ppm	ASTM D5185m	3	18		
ASTM D5185m 1 42	Calcium	ppm	ASTM D5185m	731	711		
ASTM D5185m 1 42	Phosphorus		ASTM D5185m	628	615		
Sulfur ppm ASTM D5185m 2556 4090 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 43 Sodium ppm ASTM D5185m 2 Potassium ppm ASTM D5185m 20 <1 VISUAL method limit/base current history1 history2 VISUAL method limit/base current history1 history2 VISUAL method limit/base current history1 history2 VISUAL NONE NONE Vellow Metal scalar *Visual NONE NONE Vellow Metal scalar *Visual NONE NONE Vellow Metal scalar *Visual NONE NONE			ASTM D5185m	1			
Solition	Sulfur				4090		
Sodium	CONTAMINAN	NTS	method	limit/base	current	history1	history2
Protassium	Silicon	maa	ASTM D5185m	>50	43		
Potassium ppm ASTM D5185m >20 <1 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE Vellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG					2		
White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG				>20			
Vellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	VISUAL _		method	limit/base	current	history1	history2
Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Ddor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	White Metal	scalar	*Visual	NONE	NONE		
Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Ddor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	ellow Metal	scalar	*Visual	NONE	NONE		
Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Ddor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	Precipitate	scalar	*Visual	NONE	NONE		
Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Ddor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG				NONE			
Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	Debris		*Visual	NONE			
Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG	Sand/Dirt						
Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG							
Emulsified Water scalar *Visual >0.1 NEG							
	Free Water	scalar	*Visual		NEG		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory

Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0114775 Lab Number : 06143851

Unique Number : 10968659

Received **Tested** Diagnosed

: 16 Apr 2024 - Jonathan Hester Test Package: FLEET (Additional Tests: FT-IR, KV100, TBN, VI) To discuss this sample report, contact Customer Service at 1-800-237-1369.

: 10 Apr 2024

: 16 Apr 2024

* - 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)

PERDUE FARMS - SALISBURY

7036 ZION CHURCH ROAD SALISBURY, MD

US 21802 Contact: RICHARD O'NEAL richard.oneal@perdue.com

T: (410)543-3628 F: (410)341-2164

Report Id: PERSALMD [WUSCAR] 06143851 (Generated: 04/16/2024 12:42:56) Rev: 1

Contact/Location: RICHARD O'NEAL - PERSALMD