

OIL ANALYSIS REPORT



Machine Id **5047** Component **Transmission (Auto)** Fluid **PETRO CANADA TEF 295 (--- GAL)**

DIAGNOSIS

A Recommendation

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the fluid.

Fluid Condition

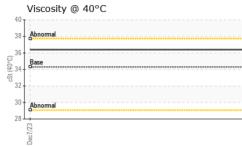
The condition of the fluid is acceptable for the time in service.

SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0091675		
Sample Date		Client Info		07 Dec 2023		
	mls	Client Info		86363		
Oil Age	mls	Client Info		86363		
Oil Changed		Client Info		Oil Added		
Sample Status				ABNORMAL		
CONTAMINATIO	ON	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	54		
	ppm	ASTM D5185m	>5	<1		
	ppm	ASTM D5185m	>5	0		
	ppm	ASTM D5185m		0		
	ppm	ASTM D5185m	>5	0		
	ppm	ASTM D5185m	>50	14		
	ppm	ASTM D5185m	>50	36		
	ppm	ASTM D5185m	>225	38		
		ASTM D5185m	>10	<1		
	ppm	ASTM D5185m	>10	<1		
.	ppm	ASTM D5185m		< 1 0		
	ppm	A2110 D210011		U		
ADDITIVES		method	limit/base	current	history1	history2
	ppm	ASTM D5185m	100	99		
	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		4		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m	30	18		
Phoenborus	ppm	ACTM DE10Em	220	010		
nosphorus	ppin	ASTM D5185m	220	218		
	ppm	ASTM D5185m		0		
Zinc				-		
Zinc	ppm ppm	ASTM D5185m	4	0		
Zinc Sulfur CONTAMINANT	ppm ppm S	ASTM D5185m ASTM D5185m	4 1060	0 218		
Zinc Sulfur CONTAMINANT Silicon	ppm ppm S ppm	ASTM D5185m ASTM D5185m method	4 1060 limit/base	0 218 current	 history1	 history2
Zinc Sulfur CONTAMINANT Silicon Sodium	ppm ppm S	ASTM D5185m ASTM D5185m method ASTM D5185m	4 1060 limit/base	0 218 current 5	 history1	 history2
Zinc Sulfur CONTAMINANT Silicon Sodium	ppm ppm S ppm ppm	ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m	4 1060 limit/base >20	0 218 current 5 7	 history1 	 history2
Zinc Sulfur CONTAMINANT Silicon Sodium Potassium VISUAL	ppm ppm S ppm ppm	ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m	4 1060 limit/base >20 >20	0 218 current 5 7 2	 history1 	 history2
Zinc Sulfur CONTAMINANT Silicon Sodium Potassium VISUAL White Metal	ppm ppm S ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method	4 1060 limit/base >20 >20 limit/base	0 218 current 5 7 2 current	 history1 history1	 history2 history2
Zinc Sulfur CONTAMINANT Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm S ppm ppm ppm scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method *Visual	4 1060 limit/base >20 >20 limit/base NONE	0 218 current 5 7 2 2 current NONE	 history1 history1 	 history2 history2
Zinc Sulfur CONTAMINANT Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm S ppm ppm ppm scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method *Visual	4 1060 limit/base >20 >20 limit/base NONE NONE	0 218 current 5 7 2 2 current NONE NONE	 history1 history1 	 history2 history2
Zinc Sulfur CONTAMINANT Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm S ppm ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual	4 1060 imit/base >20 20 imit/base NONE NONE NONE NONE	0 218 current 5 7 2 2 current NONE NONE NONE	 history1 history1 	 history2 history2
Zinc Sulfur CONTAMINANT Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm S ppm ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual	4 1060 limit/base >20 >20 limit/base NONE NONE NONE NONE NONE NONE	0 218 current 5 7 2 2 current NONE NONE NONE NONE	 history1 history1 	 history2 history2
Zinc Sulfur CONTAMINANT Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual	4 1060 imit/base >20 20 imit/base NONE NONE NONE NONE NONE NONE NONE	0 218 current 5 7 2 2 current NONE NONE NONE NONE NONE NONE NONE	 history1 history1 	 history2 history2
Zinc Sulfur CONTAMINANT Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance	ppm ppm S ppm ppm ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	4 1060 imit/base >20 20 imit/base NONE NONE NONE NONE NONE NONE NONE NON	0 218 current 5 7 2 2 current NONE NONE NONE NONE NONE NONE NONE NON	 history1 history1 	 history2 history2 history2
Zinc Sulfur CONTAMINANT Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor	ppm ppm S ppm ppm ppm scalar scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	4 1060 ≥20 ≥20 1000 200 1000 1000 1000 1000 1	0 218 current 5 7 2 current NONE NONE NONE NONE NONE NONE NONE NON	 history1 history1 	 history2 history2 history2
Zinc Sulfur CONTAMINANT Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm S ppm ppm ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	4 1060 imit/base >20 20 imit/base NONE NONE NONE NONE NONE NONE NONE NON	0 218 current 5 7 2 2 current NONE NONE NONE NONE NONE NONE NONE NON	 history1 history1	history2 history2 history2

Page 1 of 2



OIL ANALYSIS REPORT



	FLUID PRO	PERTIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	34.3	36.4		
	SAMPLE IM	AGES	method	limit/base	current	history1	history2
	Color				no image	no image	no image
Dec7/23	Bottom				no image	no image	no image
	Bottom				no image	noimage	no image
	GRAPHS						
	Ferrous Alloys						
	50- iron						
	45 - nickel						
	35 -						
mqq	30						
	20						
	15-						
	10						
	Dec7/23			Dec7/23			
	 Non-ferrous Me	atale					
	40 T						
	35 - copper						
	30-						
	25 -						
ppm	20-						
	15						
	10						
	5						
	33			/23			
	Dec7/23			Dec7/23			
	Viscosity @ 40	°C					
	38 - Abnormal						
	37-						
	35						
cSt (40°C)	34						
	32						
	31-						
	30 - Abnormal						
	28						
	Dec7/23			Dec7/23			
					_		
	: WearCheck USA : PCA0091675	A - 501 Madis Recieved		ry, NC 2751 Dec 2023	3		SB370 - Alto lorth Alby Roa
r	: 06040897	Diagnos	-	Dec 2023		70201	Godfrey, I
	: 10796126	Diagnost		n Baldridge		-	US 6203
•	: FLEET	envice at 1 C	00-227 1200	2			ct: Chad Ingol
	ontact Customer S						ois-central.con

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)

Certificate L2367

Page 2 of 2

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