

Machine Id **10652** Component **Transmission (Auto)** Fluid **PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)**

D	EC			
n	EU		DATI	

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.

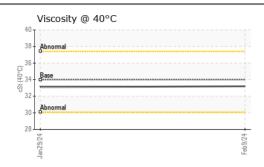
FLUID CONDITION

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

GAL)						
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0112321	GFL0109924	
Sample Date		Client Info		09 Feb 2024	29 Jan 2024	
Machine Age	hrs	Client Info		18311	18308	
Oil Age	hrs	Client Info		3	123	
Filter Age	hrs	Client Info		3	123	
Oil Changed		Client Info		Not Changd	Changed	
Filter Changed		Client Info		Not Changd	Changed	
Sample Status				NORMAL	NORMAL	
			400	•	40	
Iron	ppm	ASTM D5185m	>160	9	13	
Chromium	ppm	ASTM D5185m	>5	0	<1	
Nickel	ppm	ASTM D5185m	>5	0	<1	
Titanium	ppm	ASTM D5185m	_	0	<1	
Silver	ppm	ASTM D5185m	>5	0	0	
Aluminum	ppm	ASTM D5185m	>50	2	2	
Lead	ppm	ASTM D5185m	>50	0	1	
Copper	ppm	ASTM D5185m	>225	2	2	
Tin	ppm	ASTM D5185m	>10	<1	<1	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal Silicon	scalar ppm	*Visual ASTM D5185m	NONE >20	NONE 2	NONE 8	
Silicon	ppm	ASTM D5185m	>20	2	8	
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>20 >20	2 0	8 2	
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>20 >20 >20 >0.1	2 0 NEG	8 2 NEG	
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>20 >20 >0.1 NONE	2 0 NEG NONE	8 2 NEG NONE	
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>20 >20 >0.1 NONE NONE	2 0 NEG NONE NONE	8 2 NEG NONE NONE	
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>20 >20 >0.1 NONE NONE NONE	2 0 NEG NONE NONE NONE	8 2 NEG NONE NONE NONE	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NONE NORML	2 0 NEG NONE NONE NONE NORML	8 2 NEG NONE NONE NONE NORML	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NONE NORML	2 0 NEG NONE NONE NONE NORML NORML	8 2 NEG NONE NONE NONE NORML NORML	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NONE NORML	2 0 NEG NONE NONE NONE NORML NORML NEG	8 2 NEG NONE NONE NONE NORML NEG	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	2 0 NEG NONE NONE NORML NORML NEG 1	8 2 NEG NONE NONE NORML NORML NEG 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gpm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	2 0 NEG NONE NONE NORML NORML NEG 1 75	8 2 NEG NONE NONE NORML NORML NEG 0 82	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	2 0 NEG NONE NONE NORML NORML NEG 1 75 0	8 2 NEG NONE NONE NORML NORML NORML NEG 0 82 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	2 0 NEG NONE NONE NORML NORML NEG 1 75 0 <1	8 2 NEG NONE NONE NORML NEG 0 82 0 <1	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar gpm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	2 0 NEG NONE NONE NORML NORML NEG 1 75 0 <1 0	8 2 NEG NONE NONE NORML NORML NEG 0 82 0 <1 <1	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	2 0 NEG NONE NONE NORML NORML NEG 1 75 0 <1 0 <1 0	8 2 NEG NONE NONE NORML NORML NEG 0 82 0 <1 <1 3	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	2 0 NEG NONE NONE NORML NORML NEG 1 75 0 <1 0 <1 0 1 120	8 2 NEG NONE NONE NORML NORML NEG 0 82 0 82 0 <1 <1 <1 3 121	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	2 0 NEG NONE NONE NORML NORML NEG 1 75 0 <1 0 <1 0 1 120 219	8 2 NEG NONE NONE NORML NORML NEG 0 82 0 41 <1 3 121 231	

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Submitted By: JOSHUA TINKER



Ferrous Alloys 13 10 9 ppm Feb 9/24 Non-ferrous Metals 10 maa Viscosity @ 40°C 39 38 37 36 35 (0.01) 34 33 31 30 29 Feb9/24. Jan 29.74



Sample No. Received : 13 Feb 2024 1280 Rum Creek Parkway : GFL0112321 Lab Number : 06087810 Tested : 14 Feb 2024 Stockbridge, GA Unique Number : 10875255 Diagnosed : 14 Feb 2024 - Wes Davis US 30281 Test Package : FLEET Contact: TECHNICIAN ACCOUNT Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. wcgfldemo@gmail.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)

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

Laboratory

GFL Environmental - 010 - Stockbridge

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