

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id **429149** Component **Transmission (Auto)** Fluid **PETRO CANADA DuraDrive HD Synthetic 668 (--- 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.

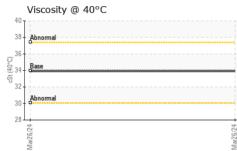
Fluid Condition

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

SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0093021		
Sample Date		Client Info		26 Mar 2024		
Machine Age	mls	Client Info		190905		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	ON	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS	6	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	82		
Chromium	ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>50	29		
Lead	ppm	ASTM D5185m	>50	16		
Copper	ppm	ASTM D5185m	>225	61		
Tin	ppm	ASTM D5185m	>10	3		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		96		
Barium	ppm	ASTM D5185m		1		
Molybdenum	ppm	ASTM D5185m		6		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		162		
Phosphorus	ppm	ASTM D5185m		266		
Zinc	ppm	ASTM D5185m		33		
Sulfur	ppm	ASTM D5185m		1603		
CONTAMINANT	٢S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	8		
Sodium		ASTM D5185m	20	3		
Potassium	ppm ppm	ASTM D5185m	>20	3		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Siit		*Visual	NONE	NONE		
Debris	scalar	Visual				
Debris			NONE	NONE		
Debris Sand/Dirt	scalar	*Visual	NONE NORML	NONE NORML		
Debris Sand/Dirt Appearance	scalar scalar	*Visual *Visual	NORML	NORML		
Debris Sand/Dirt Appearance Odor	scalar scalar scalar	*Visual *Visual *Visual	NORML NORML	NORML NORML		
Debris Sand/Dirt Appearance	scalar scalar	*Visual *Visual	NORML	NORML		



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FLUID PRO	PERTIES m	nethod I	imit/base cu	irrent	history1	history2
Visc @ 40°C	cSt AS	TM D445 34	33.9)		
SAMPLE IM	AGES m	nethod I	imit/base cu	irrent	history1	history2
Color			no in	nage	no image	no image
Bottom			no in	mage	no image	no image
GRAPHS						
Ferrous Alloys						
WearCheck USA - GFL0093021 06153549 10983627 FLEET contact Customer So	Received Tested Diagnose	ve., Cary, No : 18 Ap : 19 Ap ed : 19 Ap	C 27513 or 2024 or 2024 r 2024 r 2024 - Wes Davi	is	2959 S El W tact: Christyar	/hiteland Haulin MERSON AVE HITELAND, IN US 4618- n Trent-Procto pr@gflenv.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)

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Certificate L2367

Contact/Location: Christyan Trent-Proctor - GFL413 Page 2 of 2

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