

# **OIL ANALYSIS REPORT**

Sample Rating Trend





813010 Component Transmission (Auto)

Machine Id

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.

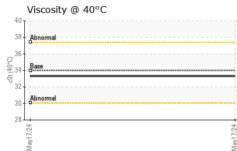
### Fluid Condition

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

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2			
Sample Number		Client Info		GFL0097842					
Sample Date		Client Info		17 May 2024					
Machine Age	hrs	Client Info		0					
Oil Age	hrs	Client Info		1100					
Oil Changed		Client Info		N/A					
Sample Status				NORMAL					
CONTAMINAT	ION	method	limit/base	current	history1	history2			
Water		WC Method	>0.1	NEG					
WEAR METAL	_S	method	limit/base	current	history1	history2			
Iron	ppm	ASTM D5185m	>220	33					
Chromium	ppm	ASTM D5185m	>2	0					
Nickel	ppm	ASTM D5185m	>5	0					
Titanium	ppm	ASTM D5185m		0					
Silver	ppm	ASTM D5185m	>5	<1					
Aluminum	ppm	ASTM D5185m	>75	10					
Lead	ppm	ASTM D5185m	>95	5					
Copper	ppm	ASTM D5185m	>60	15					
Tin	ppm	ASTM D5185m	>10	2					
Vanadium	ppm	ASTM D5185m		<1					
Cadmium	ppm	ASTM D5185m		0					
ADDITIVES		method	limit/base	current	history1	history2			
Boron	ppm	ASTM D5185m		65					
Barium	ppm	ASTM D5185m		0					
Molybdenum	ppm	ASTM D5185m		2					
Manganese	ppm	ASTM D5185m		<1					
Magnesium	ppm	ASTM D5185m		26					
Calcium	ppm	ASTM D5185m		161					
Phosphorus	ppm	ASTM D5185m		240					
Zinc	ppm	ASTM D5185m		39					
Sulfur	ppm	ASTM D5185m		1894					
CONTAMINAN	NTS	method	limit/base	current	history1	history2			
Silicon	ppm	ASTM D5185m	>25	4					
Sodium	ppm	ASTM D5185m		4					
Potassium	ppm	ASTM D5185m	>20	0					
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					
Debris	scalar	*Visual	NONE	NONE					
Sand/Dirt	scalar	*Visual	NONE	NONE					
Appearance	scalar	*Visual	NORML	NORML					
Odor	scalar	*Visual	NORML	NORML					
Emulsified Water	scalar	*Visual	>0.1	NEG					
Free Water	scalar	*Visual		NEG					
:00:02) Rev: 1	Submitted By: Also GFL958,958A, 958B - Bryan Link								



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	FLUID PROPE	ERTIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	34	33.3		
	SAMPLE IMAG	GES	method	limit/base	current	history1	history2
	Color				no image	no image	no image
May17/24 -							
Ma	Bottom				no image	no image	no image
							_
	GRAPHS						
	Ferrous Alloys						
	30 - nickel						
	25-						
	20- E						
	15-						
	10						
	0						
	May17/24			May17/24			
	≊ Non-ferrous Meta	ls		W			
	16 copper						
	14						
	10-						
	E 8-						
	4						
	2-						
	01/24 0			+7/24			
	May17/24			May17/24			
	Viscosity @ 40°C						
	38 Abnormal						
	36 -						
	G 35 - € 34 - <b>Base</b>						
	で 第 33 32						
	31						
	30 - Abnormal						
	May17/24			May17/24			
	Ma			Ma			
Laboratory	: WearCheck USA - 50	ronmental - 958 - Tri					
Sample No. Lab Number	: GFL0097842 : 06188271	Receiv Tester		May 2024 May 2024		1090 \	V. Jefferson S Morton,
Unique Number	: 11045023	Diagn		May 2024 - W	les Davis	0	US 615
L2367 Test Package	: FLEET contact Customer Serv					Con bli	tact: Bryan Li



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Submitted By: Also GFL958,958A, 958B - Bryan Link

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