

## **OIL ANALYSIS REPORT**

Sample Rating Trend



#### Machine Id 934083 Component

Component Transmission (Auto)

Fluid PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the fluid.

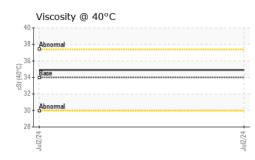
#### Fluid Condition

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

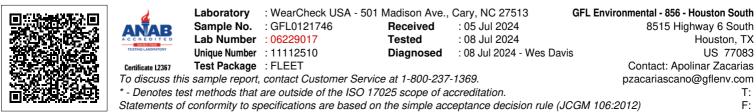
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0121746		
Sample Date		Client Info		02 Jul 2024		
Machine Age	hrs	Client Info		1097		
Oil Age	hrs	Client Info		1097		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINAT		method	limit/base	current	history1	history2
Water	ION	WC Method	>0.1	NEG	mistory	
	0			-		
WEAR METAL		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>160	36		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>50	8		
Lead	ppm	ASTM D5185m	>50	1		
Copper	ppm	ASTM D5185m	>225	4		
Tin	ppm	ASTM D5185m	>10	2		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		101		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		2		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		66		
Phosphorus	ppm	ASTM D5185m		271		
Zinc	ppm	ASTM D5185m		5		
Sulfur	ppm	ASTM D5185m		1363		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	3		
Sodium	ppm	ASTM D5185m		5		
Potassium	ppm	ASTM D5185m	>20	4		
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		



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FLUID PROPE		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	34	34.9		
SAMPLE IMAG	GES	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Ferrous Alloys						
5 - iron						
0-						
5-						
o <b>-</b>						
5						
D <b>-</b>						
5						
Jul2/24			Jul2/24			
μ			ηΓ			
Non-ferrous Meta	als					
9 - copper						
8 tin						
6						
5-						
4						
2 -	****		*****			
1						
Jul2/24			Jul2/24			
			Γ,			
Viscosity @ 40°C						
Abnormal						
7						
5 - Base						
4 Base						
2						
0 Abnormal						
9-						
18			24 +			
5/27			5/2			
Jul2/24			Jul2/24			



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