

# **OIL ANALYSIS REPORT**

Sample Rating Trend



NORMAL

834053 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.

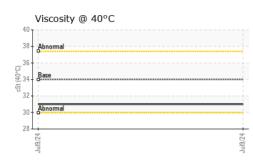
### Fluid Condition

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

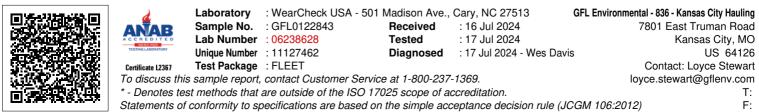
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0122843		
Sample Date		Client Info		09 Jul 2024		
Machine Age	hrs	Client Info		1864		
Oil Age	hrs	Client Info		1788		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>220	77		
Chromium	ppm	ASTM D5185m	>2	<1		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>75	14		
Lead	ppm	ASTM D5185m	>95	8		
Copper	ppm	ASTM D5185m	>60	16		
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		50		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		1		
Magnesium	ppm	ASTM D5185m		1		
Calcium	ppm	ASTM D5185m		101		
Phosphorus	ppm	ASTM D5185m		209		
Zinc	ppm	ASTM D5185m		28		
Sulfur	ppm	ASTM D5185m		1538		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6		
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 2:35:42) Rev: 1	scalar	*Visual		NEG	 Submitted By: JE	



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	RTIES	method	limit/base	current	history1	history2
isc @ 40°C	cSt	ASTM D445	34	31.0		
SAMPLE IMAG	BES	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS			L			
Non-ferrous Metal	s		Jul924			
tin						
Viscosity @ 40°C			Jul9/24 -			
Abnormal						
Base						
			1			
Abnormal						
Abnormal 472(BIPC			Jul9/24			



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