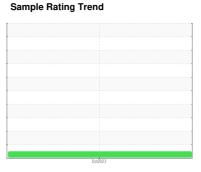


OIL ANALYSIS REPORT



NORMAL



Machine Id 732018

Component

Transmission (Auto)

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

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Moor

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

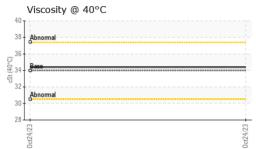
Fluid Condition

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

SAMPLE INFORMATION method limit/base current history history	68 (GAL)				Oct2023		
Client Info	SAMPLE INFOR	RMATION	method			history1	history2
Client Info					GFL0084642		
Machine Age mls Client Info 0							
Dil Age	•	mls					
Client Info Changed NORMAL NORMAL	•						
NORMAL NORMAL NORMAL NOR	-	0			-		
Description	-				_		
Description	WEAR METAL	_S	method	limit/base	current	history1	history2
Chromium	ron	mgg	ASTM D5185m	>160	18		
ASTM D5185m D5185	Chromium		ASTM D5185m	>5	<1		
ASTM D5185m D5185m D5185m D5185m D5185m D5185m D5185m D5185m D5185m D50 D5 D5 D5 D5 D5 D5 D							
ASTM D5185m So							
ASTM D5185m SO				>5			
ASTM D5185m SO							
ASTM D5185m S225 15					_		
ASTM D5185m SOCIETY ASTM D5185m ASTM D5185m					-		
Anadium					_		
ADDITIVES				>10			
ADDITIVES					-		
Soron ppm ASTM D5185m 19		ppm					
Description	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 14 Magnesium ppm ASTM D5185m 84 Chosphorus ppm ASTM D5185m 266 Cinc ppm ASTM D5185m 143 Sulfur ppm ASTM D5185m 1766 CONTAMINANTS method limit/base current history1 history1 Sidicon ppm ASTM D5185m >20 4 Cotassium ppm ASTM D5185m >20 0 Potassium ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history1 Visual NONE NONE Visual NONE NONE <t< td=""><td>Boron</td><td>ppm</td><td>ASTM D5185m</td><td></td><td></td><td></td><td></td></t<>	Boron	ppm	ASTM D5185m				
Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m 14 Calcium ppm ASTM D5185m 266 Phosphorus ppm ASTM D5185m 143 Sulfur ppm ASTM D5185m 1766 Sulfur ppm ASTM D5185m >20 4 Sodium ppm ASTM D5185m >20 4 Potassium ppm ASTM D5185m >20 0 Visual ppm ASTM D5185m >20 0	Barium	ppm	ASTM D5185m		19		
Alagnesium ppm ASTM D5185m 14 Calcium ppm ASTM D5185m 84 Phosphorus ppm ASTM D5185m 266 Cinc ppm ASTM D5185m 1766 Sulfur ppm ASTM D5185m 1766 CONTAMINANTS method limit/base current history1 history1 Solicon ppm ASTM D5185m >20 4 Solicon ppm ASTM D5185m >20 0 Potassium ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history1 history1 VISUAL method limit/base current history1 history1 Visual NONE NONE Precipitate	Nolybdenum	ppm	ASTM D5185m		<1		
Calcium ppm ASTM D5185m 84 Phosphorus ppm ASTM D5185m 266 Pullfur ppm ASTM D5185m 143 Sulfur ppm ASTM D5185m 1766 CONTAMINANTS method limit/base current history1 history1 Silicon ppm ASTM D5185m >20 4 Sodium ppm ASTM D5185m 5 Potassium ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history1 VISUAL method limit/base current history1 history1 VISUAL method limit/base current history1 history1 VISUAL mone NONE Vellow Metal scalar	Manganese	ppm	ASTM D5185m		<1		
Phosphorus ppm ASTM D5185m 266 Zinc ppm ASTM D5185m 143 Sulfur ppm ASTM D5185m 1766 CONTAMINANTS method limit/base current history1 history Silicon ppm ASTM D5185m >20 4 Sodium ppm ASTM D5185m >20 0 Potassium ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history VisuAL method limit/base current history1 history VisuAL method limit/base current history1 history VisuAL NONE NONE Visual NONE NONE Visual NONE NONE -	//agnesium	ppm	ASTM D5185m		14		
ASTM D5185m	Calcium	ppm	ASTM D5185m		84		
CONTAMINANTS method limit/base current history1 history Silicon ppm ASTM D5185m >20 4 Sodium ppm ASTM D5185m 5 Potassium ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history White Metal scalar *Visual NONE Vellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Silt scalar *Visual NONE NONE Oberis scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Codor scalar *Visual NORML NORML<	Phosphorus	ppm	ASTM D5185m		266		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 4 Sodium ppm ASTM D5185m 5 Potassium ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history White Metal scalar *Visual NONE Vellow Metal scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Precipitate scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Appearance scalar *Visual <td>Zinc</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <td>143</td> <td></td> <td></td>	Zinc	ppm	ASTM D5185m		143		
Solicon	Sulfur	ppm	ASTM D5185m		1766		
Sodium	CONTAMINAN	NTS	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history White Metal scalar *Visual 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 School Side *Visual NORML NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG Free Water	Silicon	ppm	ASTM D5185m	>20	4		
VISUAL method limit/base current history1 history 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 NORML NORML	Sodium	ppm	ASTM D5185m		5		
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 NORML NORML Appearance scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG Free Water scalar *Visual NEG	Potassium	ppm	ASTM D5185m	>20	0		
Vellow 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 Emulsified Water scalar *Visual >0.1 NEG Free Water scalar *Visual NEG	VISUAL		method	limit/base	current	history1	history2
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 Codor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG Free Water scalar *Visual NEG	Vhite Metal	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 Ddor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG Free Water scalar *Visual NEG	ellow Metal	scalar	*Visual	NONE	NONE		
Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Ddor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG Free Water scalar *Visual NEG	Precipitate	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	Silt	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	Debris	scalar	*Visual	NONE	NONE		
Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG Free Water scalar *Visual NEG	Sand/Dirt	scalar	*Visual	NONE	NONE		
Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.1 NEG Free Water scalar *Visual NEG	Appearance	scalar	*Visual	NORML	NORML		
Free Water scalar *Visual >0.1 NEG Free Water scalar *Visual NEG	• •	scalar		NORML	NORML		
ree Water scalar *Visual NEG					NEG		
FILIID PROPERTIES method limit/base current history1 history							
TEOTO FROM ETT TEO MICTION MININGSON CONTONE MISTORY MISTORY MISTORY	FLUID PROPE	RTIES	method	limit/base	current	history1	history2

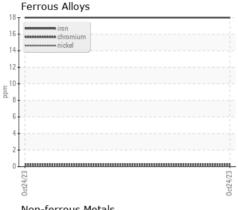


OIL ANALYSIS REPORT

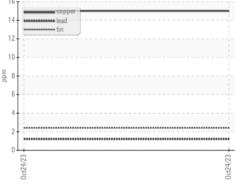


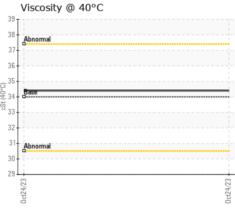


GRAPHS



Non-ferrous Metals









Certificate L2367

Laboratory Sample No. Lab Number Unique Number : 10722261

: GFL0084642 : 05993901 Test Package : FLEET

To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received Diagnosed Diagnostician : Sean Felton

: 30 Oct 2023 : 01 Nov 2023 GFL Environmental - 856 - Houston South 8515 Highway 6 South Houston, TX

US 77083 Contact: Apolinar Zacarias

pzacariascano@gflenv.com T:

* - 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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