

OIL ANALYSIS REPORT

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731101 Component

Component Transmission (Auto)

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.

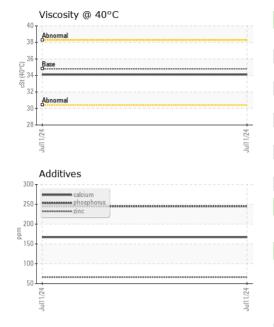
Fluid Condition

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

HD Synthetic 668	(GAL)			Jul2024		
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0125480		
Sample Date		Client Info		11 Jul 2024		
Machine Age	hrs	Client Info		7444		
Oil Age	hrs	Client Info		7444		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINA	TION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR META	LS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>160	38		
Chromium	ppm	ASTM D5185(m)	>5	0		
Nickel	ppm	ASTM D5185(m)	>5	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>5	<1		
Aluminum	ppm	ASTM D5185(m)	>50	27		
Lead	ppm	ASTM D5185(m)	>50	5		
Copper	ppm	ASTM D5185(m)	>225	39		
Tin	ppm	ASTM D5185(m)	>10	4		
Antimony	ppm	ASTM D5185(m)		<1		
Vanadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	78	65		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)	0	3		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)	0	48		
Calcium	ppm	ASTM D5185(m)	113	167		
Phosphorus	ppm	ASTM D5185(m)	222	245		
Zinc	ppm	ASTM D5185(m)		66		
Sulfur	ppm	ASTM D5185(m)	1326	1340		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINAL	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	3		
Sodium	ppm	ASTM D5185(m)		5		
Potassium	ppm	ASTM D5185(m)	>20	2		



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CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. **Lab Number** : 02648175

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 209 - Hamilton : GFL0125480

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Unique Number : 5813727 Test Package : MOB 1

Received **Tested**

Diagnosed

: 16 Jul 2024 : 16 Jul 2024

: 16 Jul 2024 - Wes Davis

560 Seaman Street Stoney Creek, ON CA L8E 3X7 Contact: Fred Carleton fred.carleton@gflenv.com T: (289)925-6693

F: (905)664-9008

Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

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