

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 819010 Component Transmission (Auto)

Fluid 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 INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0117294		
Sample Date		Client Info		06 May 2024		
Machine Age	hrs	Client Info		7525		
Oil Age	hrs	Client Info		1688		
Oil Changed		Client Info		Changed		
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
PQ		ASTM D8184*	>50	0		
Iron	ppm	ASTM D5185(m)	>160	72		
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	0		
Aluminum	ppm	ASTM D5185(m)	>50	42		
Lead	ppm	ASTM D5185(m)	>50	20		
Copper	ppm	ASTM D5185(m)	>225	10		
Tin	ppm	ASTM D5185(m)	>10	<1		
Antimony	ppm	ASTM D5185(m)		0		
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	77		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)	0	0		
Manganese	ppm	ASTM D5185(m)		<1		
Magnesium	ppm	ASTM D5185(m)	0	2		
Calcium	ppm	ASTM D5185(m)	113	75		
Phosphorus	ppm	ASTM D5185(m)	222	229		
Zinc	ppm	ASTM D5185(m)		8		
Sulfur	ppm	ASTM D5185(m)	1326	1029		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	8		
Sodium	ppm	ASTM D5185(m)		9		
Potassium	ppm	ASTM D5185(m)	>20	4		
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	1.4	0.36		



0.80 grupper (1 0.60 nmper

망 0.40

0.20

0.00

Mav6/24

OIL ANALYSIS REPORT

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VISUAL

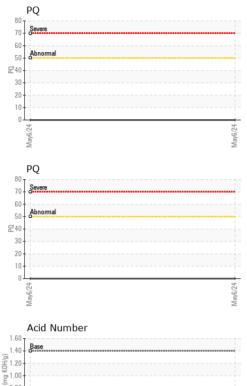
White Metal

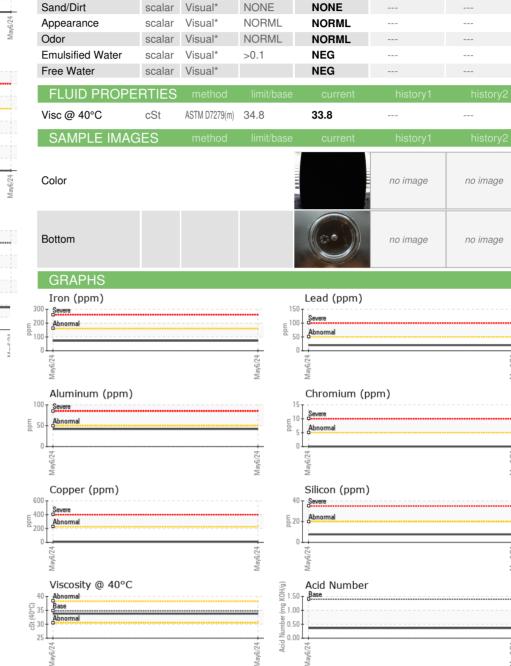
Yellow Metal

Precipitate

Silt

Debris





NONE

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 550 - Rocky View County CALA Sample No. : GFL0117294 Received :07 May 2024 220 Carmek Blvd Lab Number : 02633909 Tested :08 May 2024 Rocky View County, AB ISO 17025:2017 Accredited Unique Number : 5775062 Diagnosed : 09 May 2024 - Kevin Marson CA T1X 1X1 Laboratory Test Package : MOB 2 (Additional Tests: PQ, TAN Man) Contact: GFL Calgary To discuss this sample report, contact Customer Service at 1-800-268-2131. calgarymaintenance@gflenv.com Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: Validity of results and interpretation are based on the sample and information as supplied. F: (403)369-6163

Report Id: GFL550 [WCAMIS] 02633909 (Generated: 05/09/2024 06:29:42) Rev: 1

Contact/Location: GFL Calgary - GFL550 Page 2 of 2