

OIL ANALYSIS REPORT

Sample Rating Trend





omponent **Transmission (Manual)** Fluid

PETRO CANADA DURATRAN (--- 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.

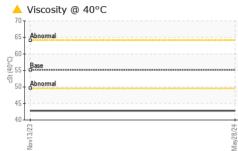
Fluid Condition

The fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. The condition of the fluid is acceptable for the time in service.

SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0932662	WC0872799	
Sample Date		Client Info		28 May 2024	13 Nov 2023	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Not Changd	Changed	
Sample Status				ABNORMAL	ABNORMAL	
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	9	8	
Chromium	ppm	ASTM D5185(m)	>5	0	0	
Nickel	ppm	ASTM D5185(m)	>5	<1	0	
Titanium	ppm	ASTM D5185(m)		0	0	
Silver	ppm	ASTM D5185(m)	>7	<1	<1	
Aluminum	ppm	ASTM D5185(m)	>25	2	<1	
Lead	ppm	ASTM D5185(m)	>45	0	<1	
Copper	ppm	ASTM D5185(m)	>225	3	2	
Tin	ppm	ASTM D5185(m)	>10	0	0	
Antimony	ppm	ASTM D5185(m)		0	0	
Vanadium	ppm	ASTM D5185(m)		0	0	
Beryllium	ppm	ASTM D5185(m)		0	0	
Cadmium	ppm	ASTM D5185(m)		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	110	102	101	
Barium	ppm	ASTM D5185(m)	0.0	<1	<1	
Molybdenum	ppm	ASTM D5185(m)	0.0	0	0	
Manganese	ppm	ASTM D5185(m)	1	<1	0	
Magnesium	ppm	ASTM D5185(m)	13	8	7	
Calcium	ppm	ASTM D5185(m)	3610	3458	3508	
Phosphorus	ppm	ASTM D5185(m)	1192	1165	1182	
Zinc	ppm	ASTM D5185(m)	1455	1406	1427	
Sulfur	ppm	ASTM D5185(m)	2641	4895	4922	
Lithium	ppm	ASTM D5185(m)		<1	<1	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>125	9	8	
Sodium	ppm	ASTM D5185(m)		18	18	
Potassium	ppm	ASTM D5185(m)	>20	4	2	



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Bottom GRAPHS Tron (ppm) Aluminum (ppm) Aluminum (ppm) Copper (ppm) Co			method	limit/base	current	history1	history
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Accredited Laboratory Unique Nu Test Pac To discuss this sample re 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.

CALA

ISO 17025:2017

Report Id: RONVAU [WCAMIS] 02647077 (Generated: 07/11/2024 11:46:08) Rev: 1

Contact/Location: Service Team - RONVAU Page 2 of 2

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