



OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
413101
 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 AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0112425	---	---
Sample Date	Client Info		21 Feb 2024	---	---
Machine Age	hrs	Client Info	2493	---	---
Oil Age	hrs	Client Info	2493	---	---
Oil Changed	Client Info		Changed	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*	>50	0	---	---
Iron	ppm	ASTM D5185(m)	>160	68	---
Chromium	ppm	ASTM D5185(m)	>5	<1	---
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	29	---
Lead	ppm	ASTM D5185(m)	>50	5	---
Copper	ppm	ASTM D5185(m)	>225	6	---
Tin	ppm	ASTM D5185(m)	>10	5	---
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	76	---
Barium	ppm	ASTM D5185(m)		1	---
Molybdenum	ppm	ASTM D5185(m)	0	<1	---
Manganese	ppm	ASTM D5185(m)		1	---
Magnesium	ppm	ASTM D5185(m)	0	2	---
Calcium	ppm	ASTM D5185(m)	113	71	---
Phosphorus	ppm	ASTM D5185(m)	222	228	---
Zinc	ppm	ASTM D5185(m)		8	---
Sulfur	ppm	ASTM D5185(m)	1326	1069	---
Lithium	ppm	ASTM D5185(m)		<1	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	5	---
Sodium	ppm	ASTM D5185(m)		6	---
Potassium	ppm	ASTM D5185(m)	>20	3	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	1.4	1.06	---

