



# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**831050**  
 Component  
**Transmission (Auto)**  
 Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (--- LTR)**

## 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		<b>GFL0112392</b>	---	---
Sample Date	Client Info		<b>26 Feb 2024</b>	---	---
Machine Age	hrs	Client Info	<b>3379</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>Changed</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

## CONTAMINATION

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

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >220	<b>120</b>	---	---
Chromium	ppm	ASTM D5185(m) >2	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m) >5	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m) >75	<b>29</b>	---	---
Lead	ppm	ASTM D5185(m) >95	<b>34</b>	---	---
Copper	ppm	ASTM D5185(m) >60	<b>85</b>	---	---
Tin	ppm	ASTM D5185(m) >10	<b>4</b>	---	---
Antimony	ppm	ASTM D5185(m) >2	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	---	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	---	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 78	<b>145</b>	---	---
Barium	ppm	ASTM D5185(m)	<b>2</b>	---	---
Molybdenum	ppm	ASTM D5185(m) 0	<b>1</b>	---	---
Manganese	ppm	ASTM D5185(m)	<b>3</b>	---	---
Magnesium	ppm	ASTM D5185(m) 0	<b>1</b>	---	---
Calcium	ppm	ASTM D5185(m) 113	<b>139</b>	---	---
Phosphorus	ppm	ASTM D5185(m) 222	<b>447</b>	---	---
Zinc	ppm	ASTM D5185(m)	<b>67</b>	---	---
Sulfur	ppm	ASTM D5185(m) 1326	<b>2087</b>	---	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >25	<b>7</b>	---	---
Sodium	ppm	ASTM D5185(m)	<b>14</b>	---	---
Potassium	ppm	ASTM D5185(m) >20	<b>4</b>	---	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 1.4	<b>1.91</b>	---	---

