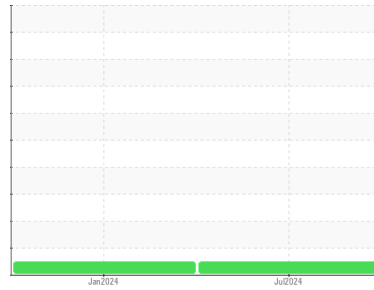




# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Machine Id  
**Or1982**  
 Component  
**Front Left Planetary**  
 Fluid  
**PETRO CANADA TRAXON XL SYN BLEND 80W140 (2 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 oil.

### Fluid Condition

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

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>GFL0124595</b>	GFL0092285	---
Sample Date	Client Info		<b>09 Jul 2024</b>	19 Jan 2024	---
Machine Age	hrs	Client Info	<b>10000</b>	9642	---
Oil Age	hrs	Client Info	<b>10000</b>	500	---
Oil Changed	Client Info		<b>Changed</b>	Not Changd	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	<b>NEG</b>	NEG	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >500	<b>51</b>	53	---
Chromium	ppm	ASTM D5185(m) >10	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m) >10	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m) >25	<b>&lt;1</b>	<1	---
Lead	ppm	ASTM D5185(m) >25	<b>4</b>	4	---
Copper	ppm	ASTM D5185(m) >75	<b>40</b>	36	---
Tin	ppm	ASTM D5185(m) >10	<b>5</b>	4	---
Antimony	ppm	ASTM D5185(m) >5	<b>15</b>	15	---
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	---
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 246	<b>172</b>	176	---
Barium	ppm	ASTM D5185(m) 1	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)	<b>&lt;1</b>	0	---
Magnesium	ppm	ASTM D5185(m) 1	<b>&lt;1</b>	0	---
Calcium	ppm	ASTM D5185(m) 2	<b>4</b>	3	---
Phosphorus	ppm	ASTM D5185(m) 976	<b>959</b>	975	---
Zinc	ppm	ASTM D5185(m) 3	<b>6</b>	5	---
Sulfur	ppm	ASTM D5185(m) 15600	<b>16547</b>	16670	---
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >75	<b>7</b>	7	---
Sodium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	---
Potassium	ppm	ASTM D5185(m) >20	<b>0</b>	<1	---

