

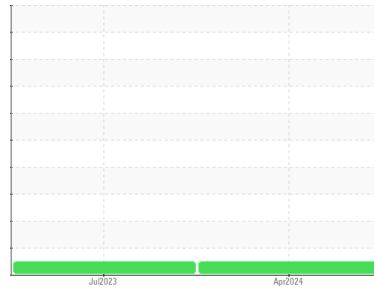


OIL ANALYSIS REPORT



Machine Id
OR1975
 Component
Rear Left Final Drive
 Fluid
PETRO CANADA PRODURO TO-4 SAE 30 (10 LTR)

Sample Rating Trend



NORMAL



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		GFL0113410	GFL0087348	---
Sample Date	Client Info		29 Apr 2024	19 Jul 2023	---
Machine Age	hrs	Client Info	8207	6950	---
Oil Age	hrs	Client Info	1000	6950	---
Oil Changed	Client Info		N/A	Not Changd	---
Sample Status			NORMAL	NORMAL	---

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185(m)	>800	24	56	---
Chromium	ppm	ASTM D5185(m)	>10	2	4	---
Nickel	ppm	ASTM D5185(m)	>5	0	<1	---
Titanium	ppm	ASTM D5185(m)	>15	<1	<1	---
Silver	ppm	ASTM D5185(m)	>2	0	0	---
Aluminum	ppm	ASTM D5185(m)	>75	7	12	---
Lead	ppm	ASTM D5185(m)	>10	0	<1	---
Copper	ppm	ASTM D5185(m)	>75	<1	<1	---
Tin	ppm	ASTM D5185(m)	>8	0	0	---
Antimony	ppm	ASTM D5185(m)	>50	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	<1	---
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)	2	2	2	---
Barium	ppm	ASTM D5185(m)	0	0	0	---
Molybdenum	ppm	ASTM D5185(m)	0	2	3	---
Manganese	ppm	ASTM D5185(m)	9	<1	<1	---
Magnesium	ppm	ASTM D5185(m)	1	37	13	---
Calcium	ppm	ASTM D5185(m)	3131	3482	3037	---
Phosphorus	ppm	ASTM D5185(m)	1194	992	1068	---
Zinc	ppm	ASTM D5185(m)	1281	1166	1230	---
Sulfur	ppm	ASTM D5185(m)	3811	4308	12015	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>400	29	55	---
Sodium	ppm	ASTM D5185(m)		3	5	---
Potassium	ppm	ASTM D5185(m)	>20	3	5	---

