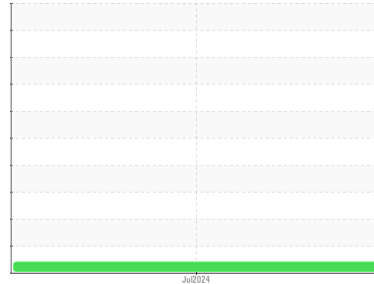




OIL ANALYSIS REPORT

Sample Rating Trend



ADDITIVES



Machine Id

Or1978

Component

Front Right Final Drive

Fluid

PETRO CANADA TRAXON XL SYN BLEND 80W140 (11 LTR)

DIAGNOSIS

Recommendation

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

Wear

Antimony ppm levels are noted. All other component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 90W140 range, advise investigate. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0124620	---	---
Sample Date	Client Info		05 Jul 2024	---	---
Machine Age	hrs	Client Info	5116	---	---
Oil Age	hrs	Client Info	5116	---	---
Oil Changed		Client Info	N/A	---	---
Sample Status			ATTENTION	---	---

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >500	276	---	---
Chromium	ppm	ASTM D5185(m) >10	2	---	---
Nickel	ppm	ASTM D5185(m) >10	<1	---	---
Titanium	ppm	ASTM D5185(m)	<1	---	---
Silver	ppm	ASTM D5185(m)	0	---	---
Aluminum	ppm	ASTM D5185(m) >25	8	---	---
Lead	ppm	ASTM D5185(m) >25	<1	---	---
Copper	ppm	ASTM D5185(m) >50	11	---	---
Tin	ppm	ASTM D5185(m) >10	<1	---	---
Antimony	ppm	ASTM D5185(m) >5	20	---	---
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) 246	181	---	---
Barium	ppm	ASTM D5185(m) 1	<1	---	---
Molybdenum	ppm	ASTM D5185(m)	0	---	---
Manganese	ppm	ASTM D5185(m)	3	---	---
Magnesium	ppm	ASTM D5185(m) 1	4	---	---
Calcium	ppm	ASTM D5185(m) 2	54	---	---
Phosphorus	ppm	ASTM D5185(m) 976	976	---	---
Zinc	ppm	ASTM D5185(m) 3	34	---	---
Sulfur	ppm	ASTM D5185(m) 15600	17112	---	---
Lithium	ppm	ASTM D5185(m)	2	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >75	126	---	---
Sodium	ppm	ASTM D5185(m)	3	---	---
Potassium	ppm	ASTM D5185(m) >20	2	---	---

