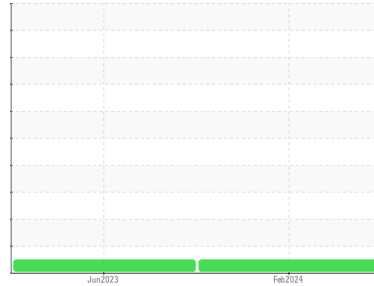




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id
EX0356
 Component
Rear Right Final Drive
 Fluid
PETRO CANADA TRAXON E SYNTHETIC 80W-140 (6 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		GFL0092330	GFL0056446	---
Sample Date	Client Info		09 Feb 2024	08 Jun 2023	---
Machine Age	hrs	Client Info	5123	3797	---
Oil Age	hrs	Client Info	1326	2000	---
Oil Changed	Client Info		Changed	Changed	---
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)	>500	227	272	---
Chromium	ppm	ASTM D5185(m)	>10	3	6	---
Nickel	ppm	ASTM D5185(m)	>10	4	2	---
Titanium	ppm	ASTM D5185(m)		0	3	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	15	55	---
Lead	ppm	ASTM D5185(m)	>25	0	<1	---
Copper	ppm	ASTM D5185(m)	>50	2	<1	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Antimony	ppm	ASTM D5185(m)	>5	0	5	---
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)	202	214	213	---
Barium	ppm	ASTM D5185(m)	<1	0	<1	---
Molybdenum	ppm	ASTM D5185(m)		0	0	---
Manganese	ppm	ASTM D5185(m)		3	5	---
Magnesium	ppm	ASTM D5185(m)	<1	5	13	---
Calcium	ppm	ASTM D5185(m)		29	59	---
Phosphorus	ppm	ASTM D5185(m)	1209	991	1223	---
Zinc	ppm	ASTM D5185(m)	1	12	4	---
Sulfur	ppm	ASTM D5185(m)	20439	17198	22415	---
Lithium	ppm	ASTM D5185(m)		<1	<1	---

CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>75	64	241	---
Sodium	ppm	ASTM D5185(m)		4	15	---
Potassium	ppm	ASTM D5185(m)	>20	8	19	---

