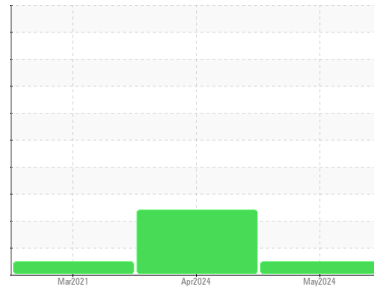




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

OR343

Component

Right Outer Final Drive

Fluid

PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL (29 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		GFL0124641	GFL0113340	GFL0010821
Sample Date	Client Info		30 May 2024	15 Apr 2024	10 Mar 2021
Machine Age	hrs	Client Info	16058	16058	12385
Oil Age	hrs	Client Info	12385	3673	500
Oil Changed	Client Info		N/A	Not Changd	Changed
Sample Status			NORMAL	ABNORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.075	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m) >750	112	84	11
Chromium	ppm	ASTM D5185(m) >9	<1	<1	0
Nickel	ppm	ASTM D5185(m) >10	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	<1	<1	<1
Silver	ppm	ASTM D5185(m)	0	0	<1
Aluminum	ppm	ASTM D5185(m) >40	3	2	1
Lead	ppm	ASTM D5185(m) >15	0	0	0
Copper	ppm	ASTM D5185(m) >40	<1	<1	<1
Tin	ppm	ASTM D5185(m) >10	0	0	0
Antimony	ppm	ASTM D5185(m) >5	0	0	<1
Vanadium	ppm	ASTM D5185(m)	0	0	<1
Beryllium	ppm	ASTM D5185(m)	0	0	0
Cadmium	ppm	ASTM D5185(m)	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 0	7	7	6
Barium	ppm	ASTM D5185(m) 0	0	0	0
Molybdenum	ppm	ASTM D5185(m) 0	0	0	3
Manganese	ppm	ASTM D5185(m) 1	<1	<1	<1
Magnesium	ppm	ASTM D5185(m) 0	8	7	111
Calcium	ppm	ASTM D5185(m) 100	346	341	3451
Phosphorus	ppm	ASTM D5185(m) 670	607	628	1000
Zinc	ppm	ASTM D5185(m) 850	824	814	1225
Sulfur	ppm	ASTM D5185(m) 1600	1589	1591	3268
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >75	13	11	9
Sodium	ppm	ASTM D5185(m) >51	2	1	1
Potassium	ppm	ASTM D5185(m) >20	1	<1	10

