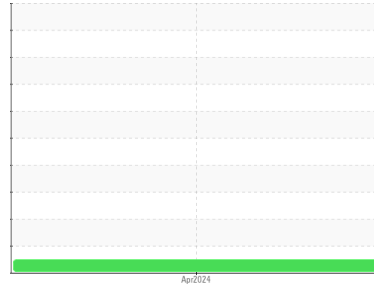


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
PETERSON 15-19

Component
Clutch
Fluid
PETRO CANADA PRODURO TO-4 SAE 30 (80 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 fluid.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			PC0076093	---	---
Sample Date	Client Info			09 Apr 2024	---	---
Machine Age	hrs	Client Info		2784	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed	Client Info			Changed	---	---
Sample Status				NORMAL	---	---

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

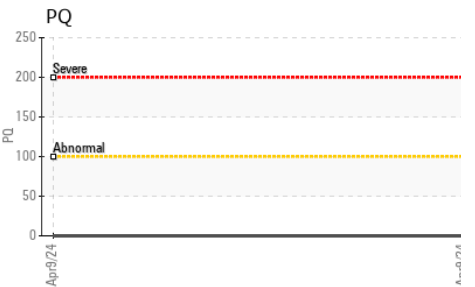
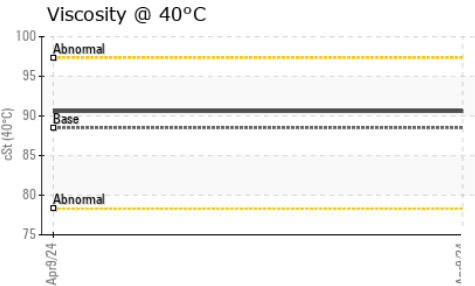
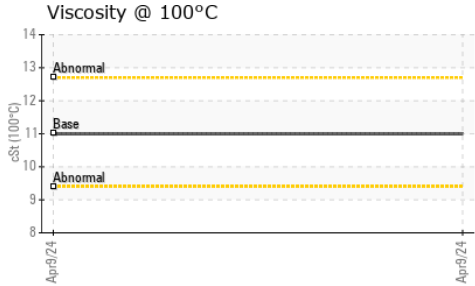
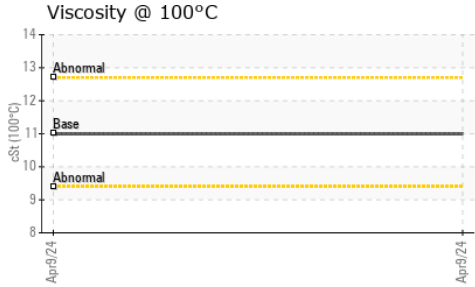
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*		0	---	---
Iron	ppm	ASTM D5185(m)	>1000	16	---	---
Chromium	ppm	ASTM D5185(m)	>15	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>30	<1	---	---
Lead	ppm	ASTM D5185(m)	>20	0	---	---
Copper	ppm	ASTM D5185(m)	>75	<1	---	---
Tin	ppm	ASTM D5185(m)		0	---	---
Antimony	ppm	ASTM D5185(m)		0	---	---
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)	2	11	---	---
Barium	ppm	ASTM D5185(m)	0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	0	4	---	---
Manganese	ppm	ASTM D5185(m)	9	<1	---	---
Magnesium	ppm	ASTM D5185(m)	1	39	---	---
Calcium	ppm	ASTM D5185(m)	3131	3167	---	---
Phosphorus	ppm	ASTM D5185(m)	1194	964	---	---
Zinc	ppm	ASTM D5185(m)	1281	1055	---	---
Sulfur	ppm	ASTM D5185(m)	3811	2648	---	---
Lithium	ppm	ASTM D5185(m)		<1	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>250	<1	---	---
Sodium	ppm	ASTM D5185(m)		<1	---	---
Potassium	ppm	ASTM D5185(m)	>20	<1	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		1.77	---	---

OIL ANALYSIS REPORT

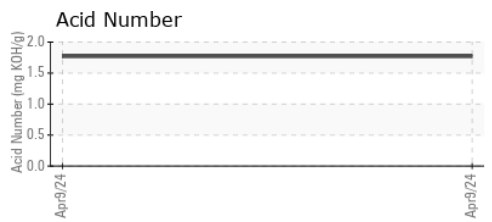
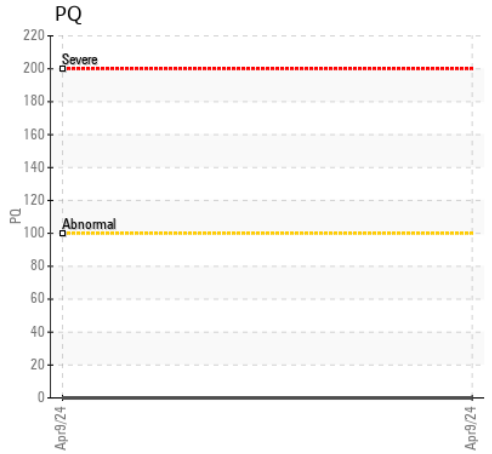
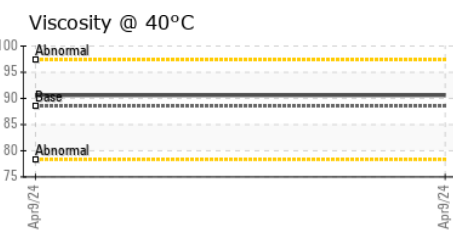
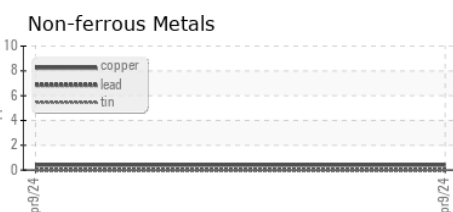
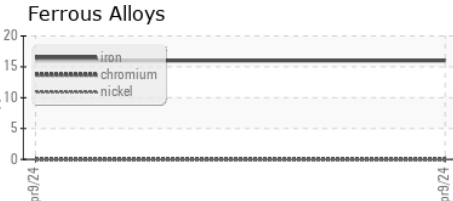


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	VLITE	---
Debris	scalar	Visual*	NONE	VLITE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	---
Emulsified Water	scalar	Visual*	NEG	---	---
Free Water	scalar	Visual*	NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	88.5	90.6	---
Visc @ 100°C	cSt	ASTM D7279(m)	11.01	11.0	---
Viscosity Index (VI)	Scale	ASTM D2270*	110	106	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0076093
Lab Number : 02637734
Unique Number : 5786896
Test Package : IND 2 (Additional Tests: KV100, TAN Man, VI)

TRUCK AND EQUIPMENT SOLUTION
 2 BERTRAM INDUSTRIAL PKWY.
 MIDHURST, ON
 CA L9X 1L2
 Contact: Julie Holden
 parts@tesbarrie.com
 T: (705)792-7620
 F: (705)725-5425

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.