



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Area  
**KEMP QUARRIES / PRYOR [70967]**  
Machine Id  
**OHT129**  
Component  
**Rear Differential**  
Fluid  
**PETRO CANADA PRODURO TO-4 SAE 50 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. ( Customer Sample Comment: Pm1 performed. All oil samples taken. Engine oil, engine oil filters, fuel filters, air filters, and cabin air filters changed. )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0108891</b>	PCA0086662	---
Sample Date		Client Info		<b>22 Jun 2024</b>	23 Apr 2024	---
Machine Age	hrs	Client Info		<b>15416</b>	15042	---
Oil Age	hrs	Client Info		<b>374</b>	15042	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Oil Added</b>	Changed	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	<b>42</b>	108	---
Chromium	ppm	ASTM D5185m	>3	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185m	>3	<b>&lt;1</b>	1	---
Titanium	ppm	ASTM D5185m	>2	<b>1</b>	3	---
Silver	ppm	ASTM D5185m	>2	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>30	<b>2</b>	1	---
Lead	ppm	ASTM D5185m	>13	<b>&lt;1</b>	0	---
Copper	ppm	ASTM D5185m	>103	<b>2</b>	5	---
Tin	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

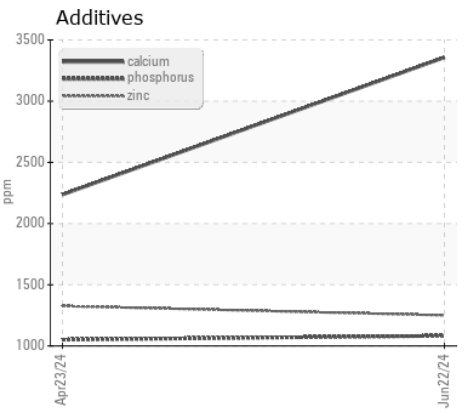
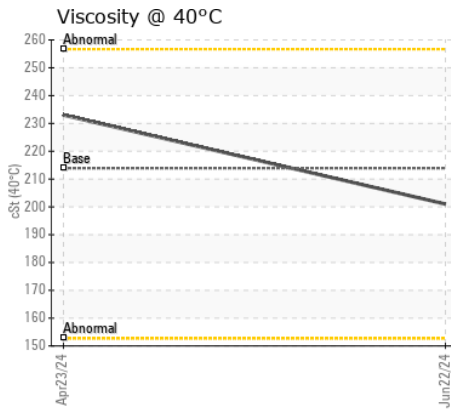
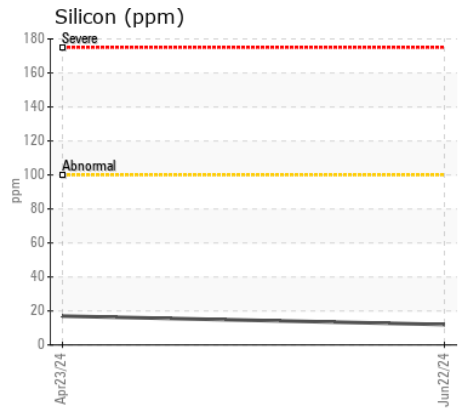
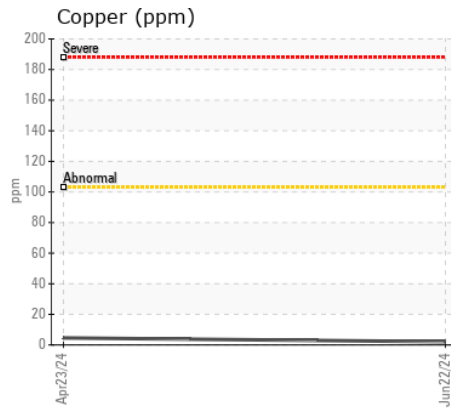
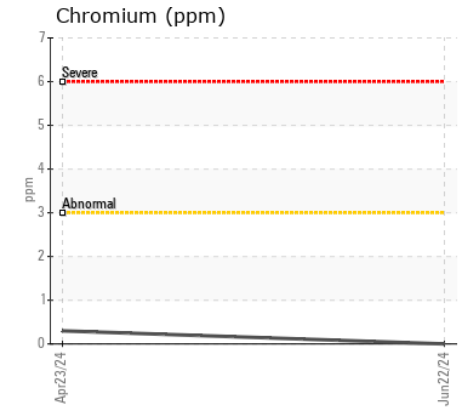
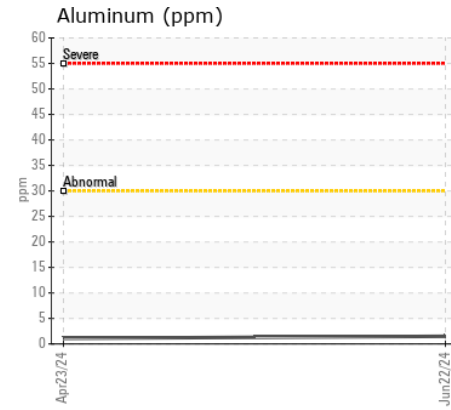
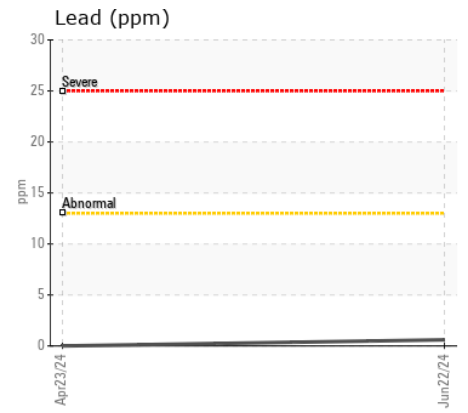
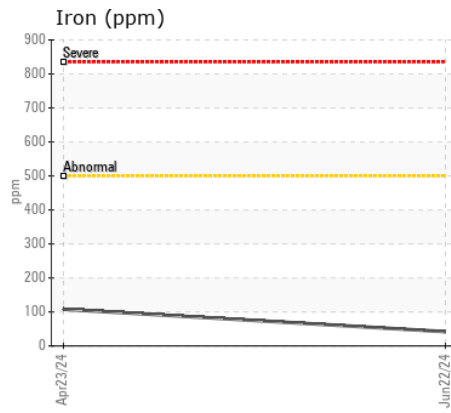
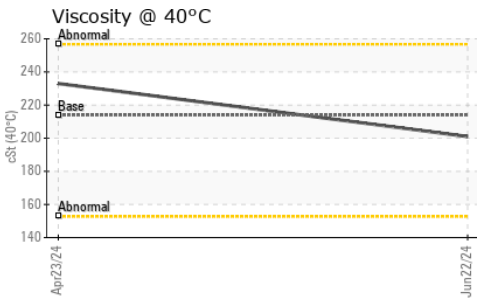
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>100	<b>12</b>	17	---
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	3	---
Water		WC Method	>.2	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>.2	<b>NEG</b>	NEG	---

**FLUID CONDITION**

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>4</b>	22	---
Boron	ppm	ASTM D5185m	2	<b>0</b>	3	---
Barium	ppm	ASTM D5185m	0	<b>0</b>	<1	---
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m	0	<b>&lt;1</b>	2	---
Magnesium	ppm	ASTM D5185m	9	<b>13</b>	9	---
Calcium	ppm	ASTM D5185m	3114	<b>3357</b>	2236	---
Phosphorus	ppm	ASTM D5185m	1099	<b>1083</b>	1051	---
Zinc	ppm	ASTM D5185m	1245	<b>1250</b>	1326	---
Sulfur	ppm	ASTM D5185m	7086	<b>5829</b>	5906	---
Visc @ 40°C	cSt	ASTM D445	213.9	<b>201</b>	233	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
 Sample No. : PCA0108891  
 Lab Number : 06230597  
 Unique Number : 11114090  
 Test Package : MOB 1

Received : 08 Jul 2024  
 Tested : 10 Jul 2024  
 Diagnosed : 10 Jul 2024 - Sean Felton

**Kemp Quarries - Pryor Stone - Pryor**  
 1050 E 520 Rd  
 Pryor, OK  
 US 74361  
 Contact:  
 pryor@pryorstone.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:  
 F: