



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



Area  
**KEMP QUARRIES / PRYOR STONE [70214]**  
Machine Id  
**OHT085**  
Component  
**Rear Differential**  
Fluid  
**PETRO CANADA PRODURO TO-4 SAE 50 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. ( Customer Sample Comment: Pm2 performed. All oil samples taken. Engine oil, transmission oil, and all filters changed. )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0108874</b>	PCA0086333	PCA0084310
Sample Date		Client Info		<b>24 Jun 2024</b>	19 Feb 2024	03 Nov 2023
Machine Age	hrs	Client Info		<b>15404</b>	14934	14433
Oil Age	hrs	Client Info		<b>971</b>	501	2162
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Oil Added</b>	Oil Added	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	ATTENTION

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	<b>41</b>	14	20
Chromium	ppm	ASTM D5185m	>3	<b>0</b>	<1	0
Nickel	ppm	ASTM D5185m	>3	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m	>2	<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m	>2	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>30	<b>2</b>	2	0
Lead	ppm	ASTM D5185m	>13	<b>1</b>	<1	0
Copper	ppm	ASTM D5185m	>103	<b>8</b>	1	<1
Tin	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

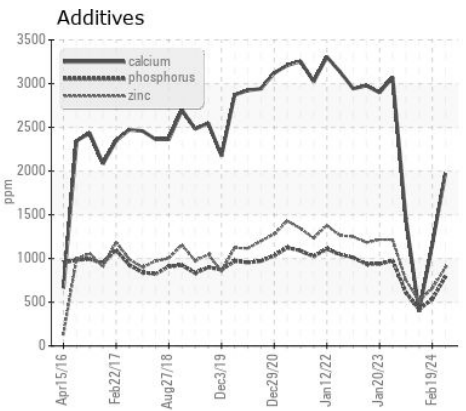
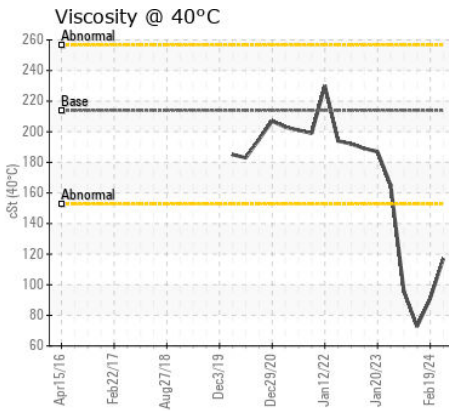
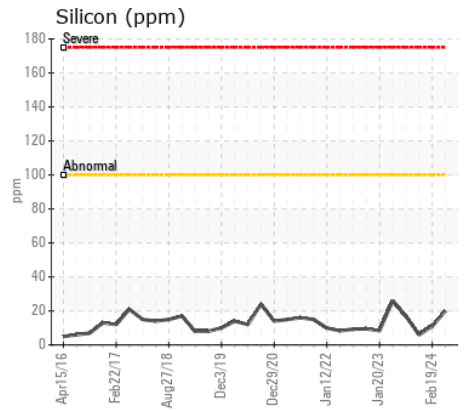
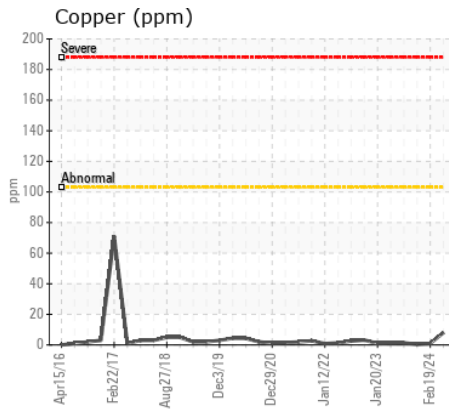
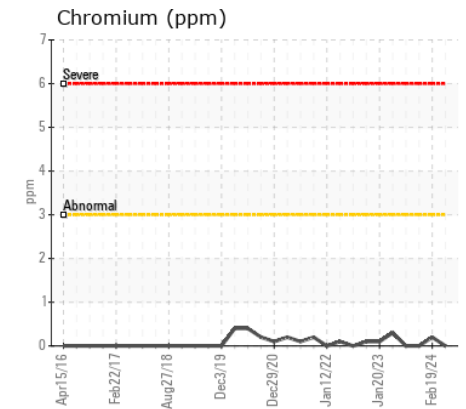
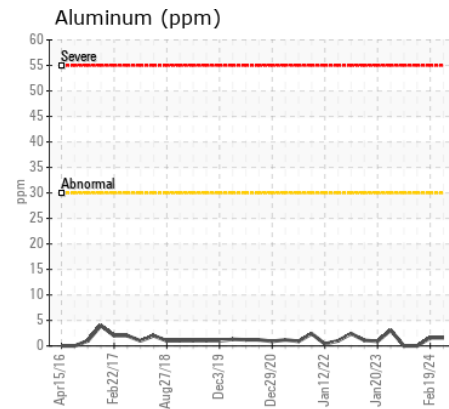
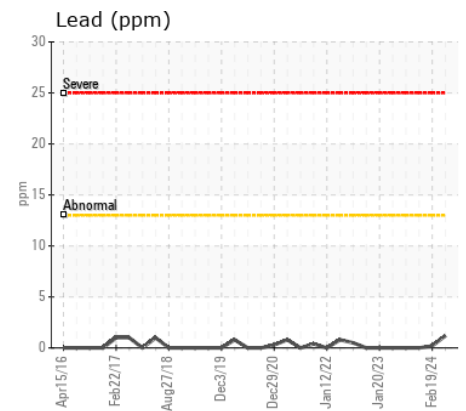
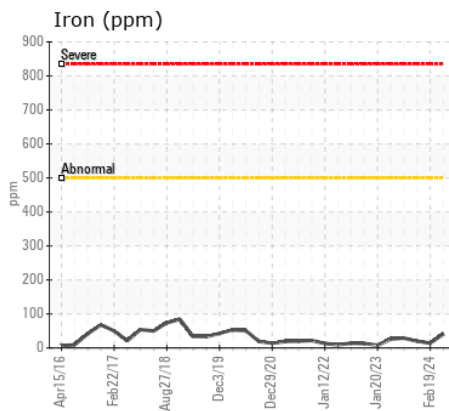
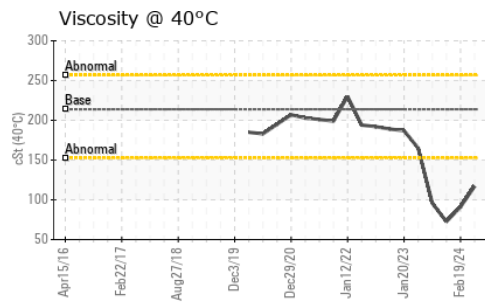
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>100	<b>20</b>	11	6
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	1	0
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>2</b>	0	<1
Boron	ppm	ASTM D5185m	2	<b>0</b>	0	0
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	<1	0
Manganese	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	0
Magnesium	ppm	ASTM D5185m	9	<b>8</b>	5	0
Calcium	ppm	ASTM D5185m	3114	<b>1973</b>	1157	● 395
Phosphorus	ppm	ASTM D5185m	1099	<b>792</b>	533	● 418
Zinc	ppm	ASTM D5185m	1245	<b>897</b>	657	● 513
Sulfur	ppm	ASTM D5185m	7086	<b>3882</b>	2048	● 1198
Visc @ 40°C	cSt	ASTM D445	213.9	<b>117</b>	91.1	● 72.62



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0108874  
**Lab Number** : 06230592  
**Unique Number** : 11114085  
**Test Package** : MOB 1

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