



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



Area  
**KEMP QUARRIES / PRYOR STONE [70214]**  
Machine Id  
**OHT085**  
Component  
**Transmission (Manual)**  
Fluid  
**PETRO CANADA PRODURO TO-4 SAE 30 (--- 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>PCA0108879</b>	PCA0086336	PCA0084313
Sample Date		Client Info		<b>24 Jun 2024</b>	19 Feb 2024	03 Nov 2023
Machine Age	hrs	Client Info		<b>971</b>	14934	14433
Oil Age	hrs	Client Info		<b>971</b>	501	990
Filter Age	hrs	Client Info		<b>971</b>	0	538
Oil Changed		Client Info		<b>Changed</b>	Oil Added	Changed
Filter Changed		Client Info		<b>Changed</b>	None	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>200	<b>4</b>	3	<1
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	0
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m	>7	<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	2	<1
Lead	ppm	ASTM D5185m	>45	<b>3</b>	1	2
Copper	ppm	ASTM D5185m	>225	<b>5</b>	3	4
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

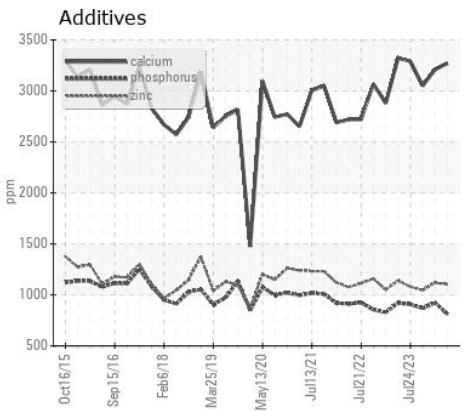
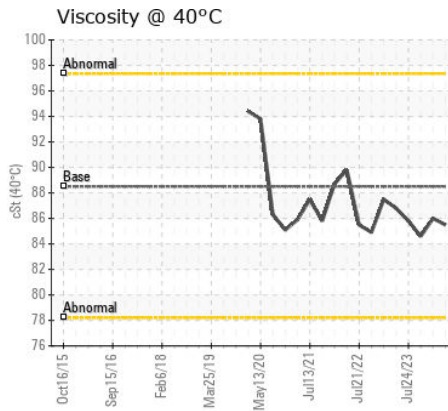
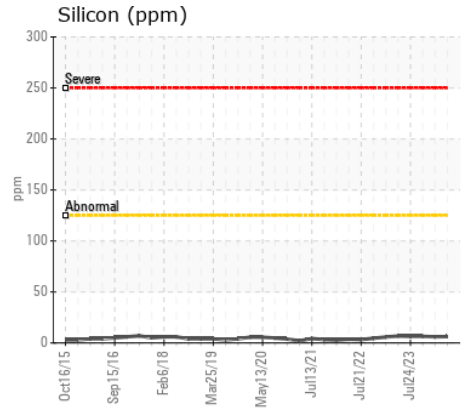
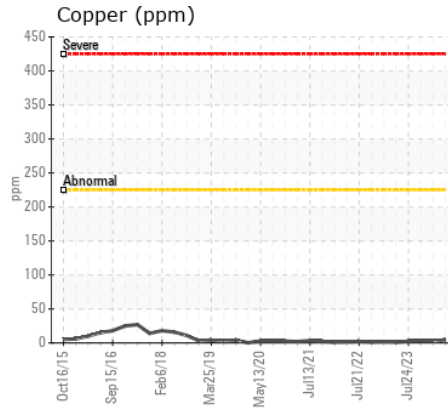
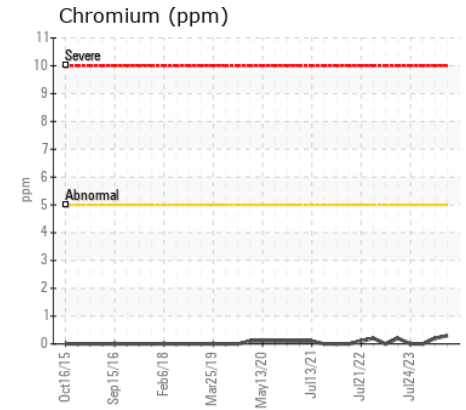
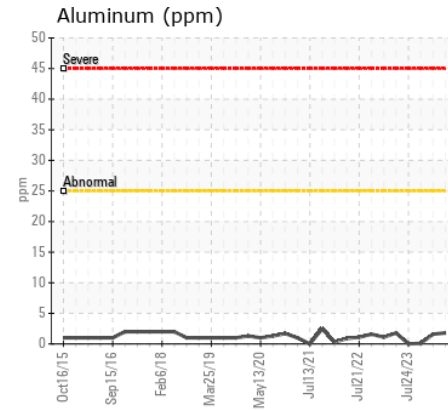
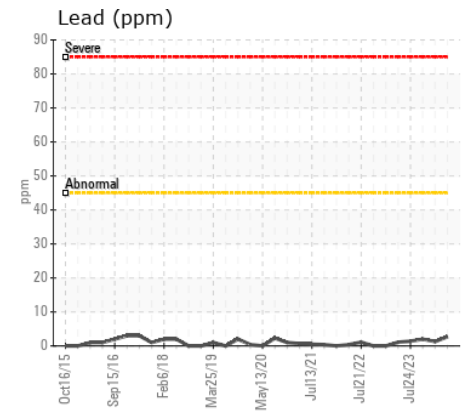
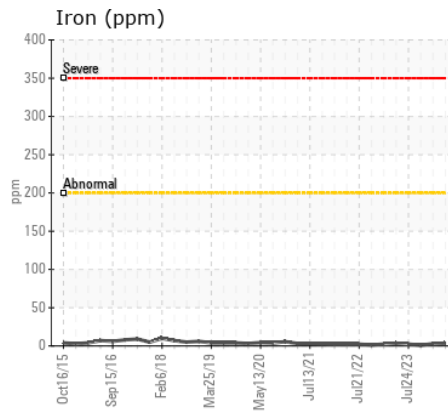
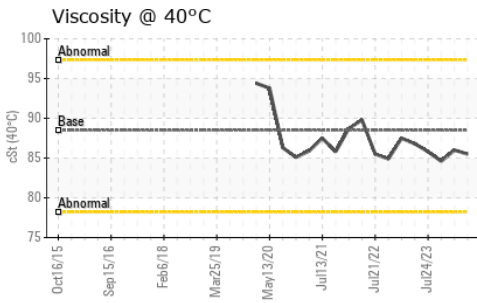
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>125	<b>6</b>	6	6
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	0
Water		WC Method	>0.1	<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	>0.1	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>0</b>	0	1
Boron	ppm	ASTM D5185m	2	<b>2</b>	2	<1
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>2</b>	2	<1
Manganese	ppm	ASTM D5185m	9	<b>&lt;1</b>	0	0
Magnesium	ppm	ASTM D5185m	1	<b>21</b>	20	18
Calcium	ppm	ASTM D5185m	3131	<b>3270</b>	3209	3051
Phosphorus	ppm	ASTM D5185m	1194	<b>813</b>	925	869
Zinc	ppm	ASTM D5185m	1281	<b>1105</b>	1118	1045
Sulfur	ppm	ASTM D5185m	3811	<b>3303</b>	3709	3372
Visc @ 40°C	cSt	ASTM D445	88.5	<b>85.5</b>	86.0	84.6



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
 Sample No. : PCA0108879  
 Lab Number : 06230647  
 Unique Number : 11114140  
 Test Package : MOB 1

Received : 08 Jul 2024  
 Tested : 09 Jul 2024  
 Diagnosed : 10 Jul 2024 - Jonathan Hester

**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: