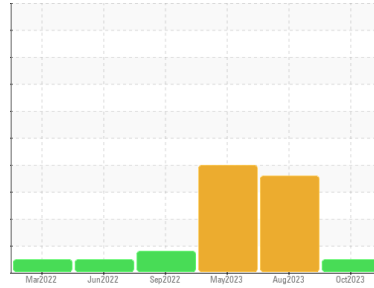


Area  
**KEMP QUARRIES / PRYOR STONE [66577]**  
Machine Id  
**TTH034**  
Component  
**Right Final Drive**  
Fluid  
**PETRO CANADA PRODURO TO-4 SAE 50 (--- GAL)**



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. ( Customer Sample Comment: PM-3 sampled fluid )

### 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	<b>PCA0087006</b>	PCA0084289	PCA0084165
Sample Date	Client Info	<b>23 Oct 2023</b>	04 Aug 2023	10 May 2023
Machine Age	hrs	<b>6019</b>	5598	5028
Oil Age	hrs	<b>6019</b>	5028	4035
Oil Changed	Client Info	<b>N/A</b>	Not Changd	Not Changd
Sample Status		<b>NORMAL</b>	ABNORMAL	ABNORMAL

## WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >500	<b>117</b>	439	311
Chromium	ppm	ASTM D5185m >10	<b>2</b>	7	5
Nickel	ppm	ASTM D5185m >10	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >25	<b>4</b>	▲ 15	▲ 11
Lead	ppm	ASTM D5185m >25	<b>0</b>	<1	0
Copper	ppm	ASTM D5185m >50	<b>&lt;1</b>	1	<1
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	<1	0
Vanadium	ppm	ASTM D5185m	<b>0</b>	<1	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

## ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m 2	<b>6</b>	12	6
Barium	ppm	ASTM D5185m 0	<b>20</b>	0	0
Molybdenum	ppm	ASTM D5185m 0	<b>&lt;1</b>	<1	<1
Manganese	ppm	ASTM D5185m 0	<b>1</b>	4	3
Magnesium	ppm	ASTM D5185m 9	<b>16</b>	16	0
Calcium	ppm	ASTM D5185m 3114	<b>3383</b>	▲ 2737	▲ 2615
Phosphorus	ppm	ASTM D5185m 1099	<b>1082</b>	960	▲ 886
Zinc	ppm	ASTM D5185m 1245	<b>1251</b>	▲ 1002	▲ 957
Sulfur	ppm	ASTM D5185m 7086	<b>6978</b>	▲ 8716	▲ 8506

## CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >75	<b>48</b>	▲ 126	▲ 101
Sodium	ppm	ASTM D5185m	<b>4</b>	4	3
Potassium	ppm	ASTM D5185m >20	<b>2</b>	4	4

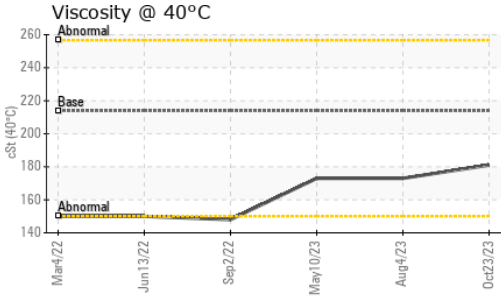
## VISUAL

method	limit/base	current	history1	history2	
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual NONE	<b>NONE</b>	LIGHT	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 >0.2	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual	<b>NEG</b>	NEG	NEG

## FLUID PROPERTIES

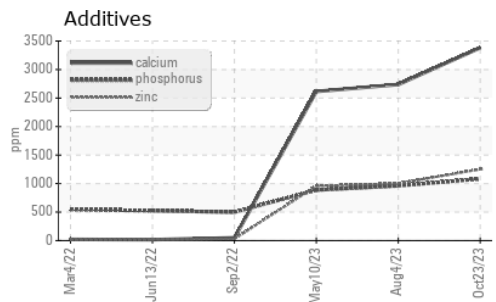
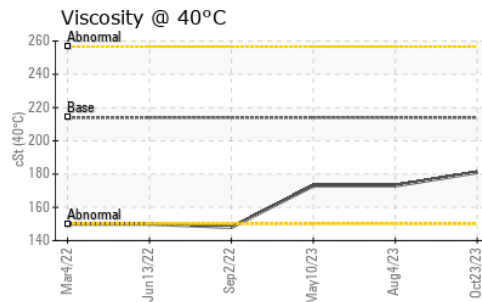
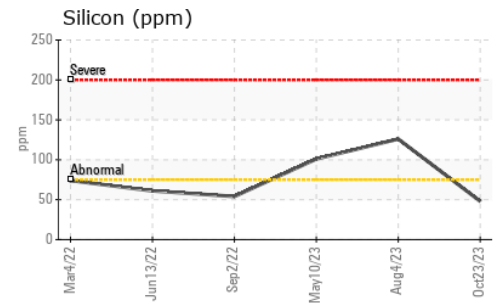
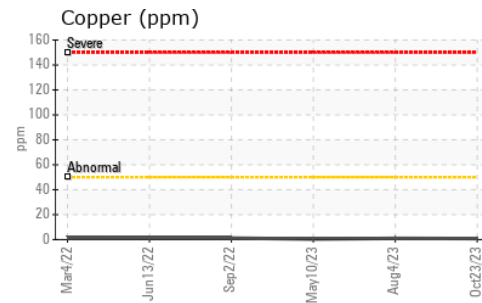
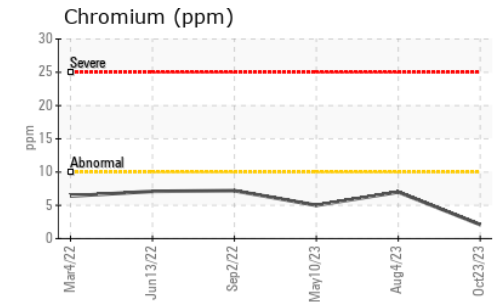
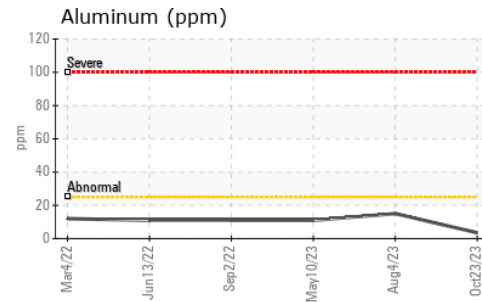
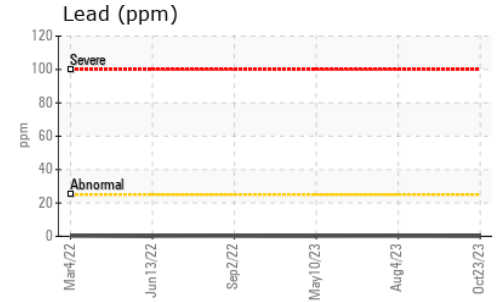
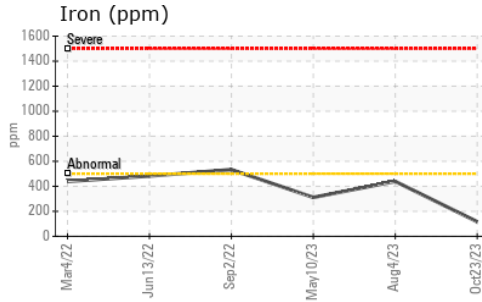
method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445 213.9	<b>181</b>	173	173

# OIL ANALYSIS REPORT



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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0087006  
**Lab Number** : 05993839  
**Unique Number** : 10722199  
**Test Package** : MOB 1

**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: