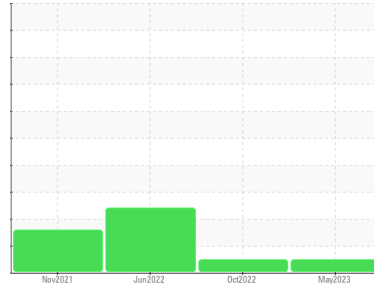


Area  
**KEMP QUARRIES / BCS - GRAVETTE**  
 Machine Id  
**OHT119**  
 Component  
**Transmission (Auto)**  
 Fluid  
**PETRO CANADA PRODURO TO-4 SAE 30 (--- GAL)**



**DIAGNOSIS**

**Recommendation**  
 Resample at the next service interval to monitor. ( Customer Sample Comment: PM-2 changed fluid and filters )

**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>PCA0085730</b>	PCA0070219	PCA0037503
Sample Date	Client Info	<b>11 May 2023</b>	28 Oct 2022	02 Jun 2022
Machine Age	hrs	<b>26286</b>	25713	25218
Oil Age	hrs	<b>26286</b>	495	25218
Oil Changed	Client Info	<b>Changed</b>	N/A	Changed
Sample Status		<b>NORMAL</b>	NORMAL	ABNORMAL

**WEAR METALS**

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >160	<b>14</b>	19	48
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185m >5	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m >5	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m >50	<b>&lt;1</b>	3	▲ 8
Lead	ppm	ASTM D5185m >50	<b>4</b>	10	19
Copper	ppm	ASTM D5185m >225	<b>22</b>	47	129
Tin	ppm	ASTM D5185m >10	<b>4</b>	2	6
Antimony	ppm	ASTM D5185m	<b>---</b>	---	---
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	<1

**ADDITIVES**

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m 2	<b>&lt;1</b>	3	6
Barium	ppm	ASTM D5185m 0	<b>11</b>	0	0
Molybdenum	ppm	ASTM D5185m 0	<b>23</b>	2	1
Manganese	ppm	ASTM D5185m 9	<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185m 1	<b>372</b>	19	26
Calcium	ppm	ASTM D5185m 3131	<b>1977</b>	2959	2731
Phosphorus	ppm	ASTM D5185m 1194	<b>904</b>	1013	936
Zinc	ppm	ASTM D5185m 1281	<b>1033</b>	1206	1177
Sulfur	ppm	ASTM D5185m 3811	<b>3640</b>	5300	5738

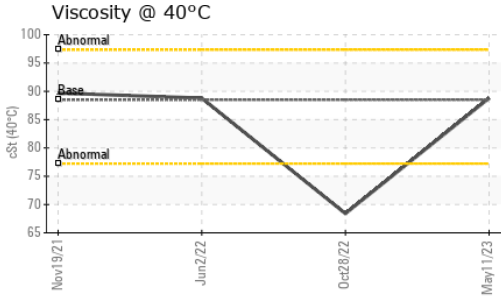
**CONTAMINANTS**

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >20	<b>14</b>	12	▲ 26
Sodium	ppm	ASTM D5185m	<b>1</b>	0	5
Potassium	ppm	ASTM D5185m >20	<b>&lt;1</b>	3	3

**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>	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
Free Water	scalar	*Visual	<b>NEG</b>	NEG	NEG

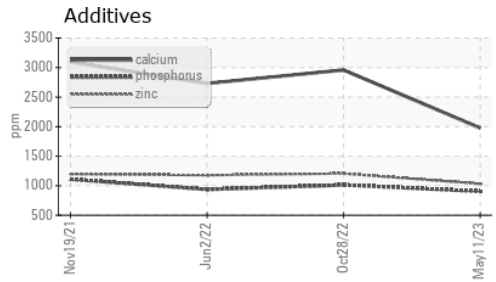
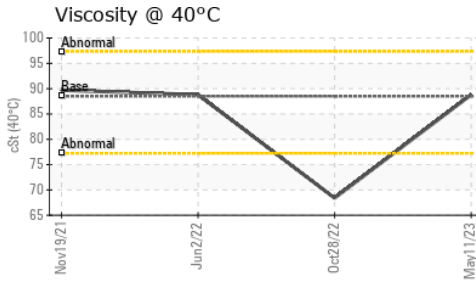
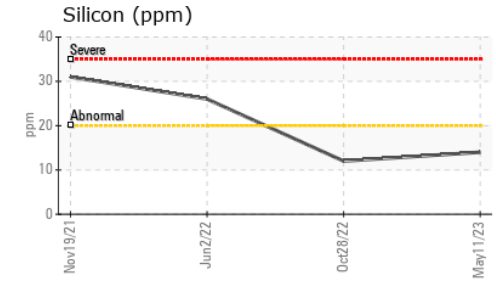
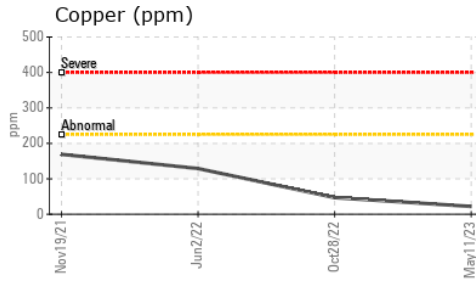
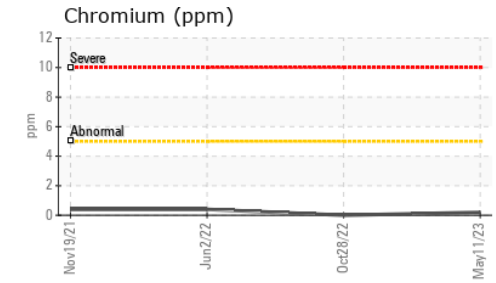
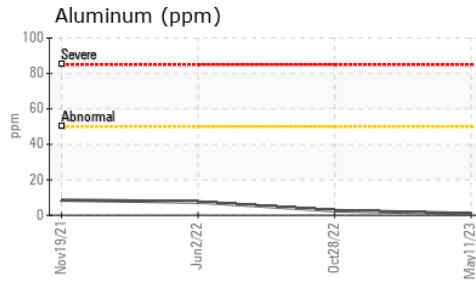
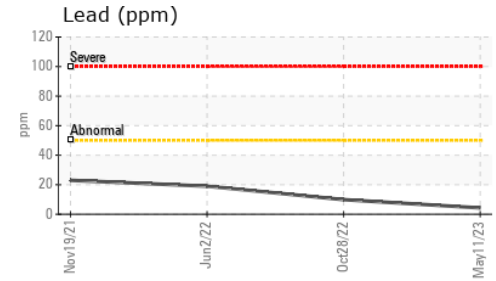
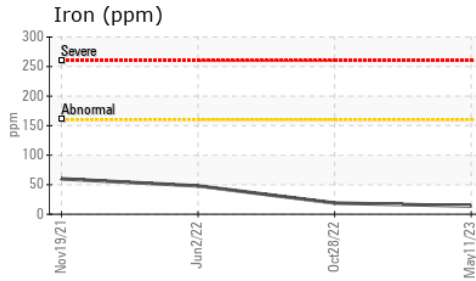
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	88.5	<b>88.8</b>	68.4	88.8

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.** : PCA0085730 **Received** : 22 May 2023  
**Lab Number** : 05854149 **Diagnosed** : 24 May 2023  
**Unique Number** : 10483504 **Diagnostician** : Sean Felton  
**Test Package** : MOB 1

**Kemp Quarries - Benton County Stone - Gravette**  
 15100 N Hwy 59  
 Sulphur Springs, AR  
 US 72768  
 Contact:  
 gravette@bentoncountystone.com  
 T:  
 F:

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)