



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area  
**KEMP QUARRIES / BCS - GRAVETTE [69378]**

Machine Id  
**OHT119**

Component  
**Transmission (Auto)**

Fluid  
**PETRO CANADA PRODURO TO-4 SAE 30 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. ( Customer Sample Comment: Pm4 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0108526</b>	PCA0084765	PCA0085730
Sample Date		Client Info		<b>22 Apr 2024</b>	30 Nov 2023	11 May 2023
Machine Age	hrs	Client Info		<b>27297</b>	26752	26286
Oil Age	hrs	Client Info		<b>26831</b>	466	26286
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	N/A	Changed
Filter Changed		Client Info		<b>Changed</b>	N/A	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	<b>14</b>	12	14
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>2</b>	3	<1
Lead	ppm	ASTM D5185m	>50	<b>3</b>	7	4
Copper	ppm	ASTM D5185m	>225	<b>13</b>	13	22
Tin	ppm	ASTM D5185m	>10	<b>1</b>	1	4
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**

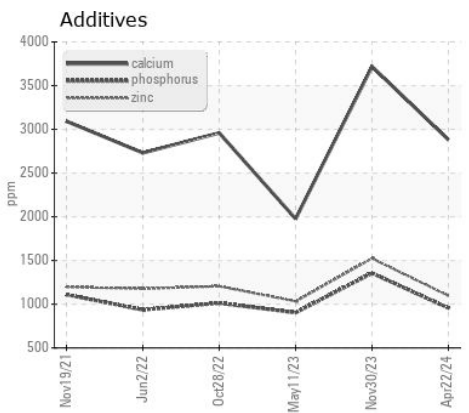
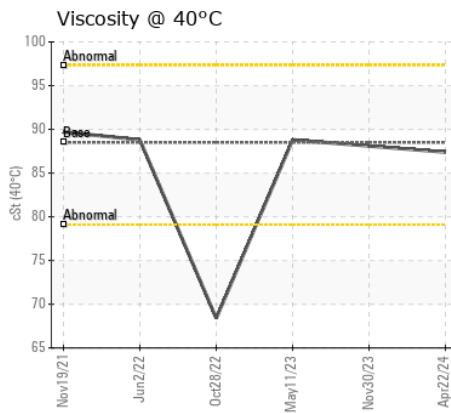
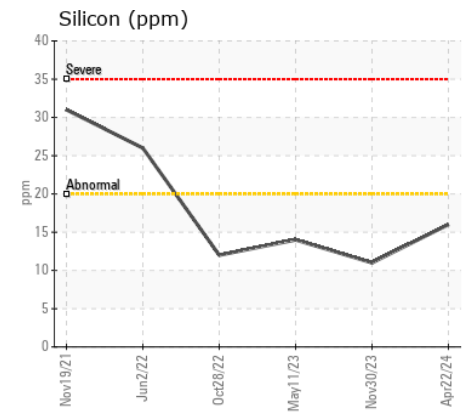
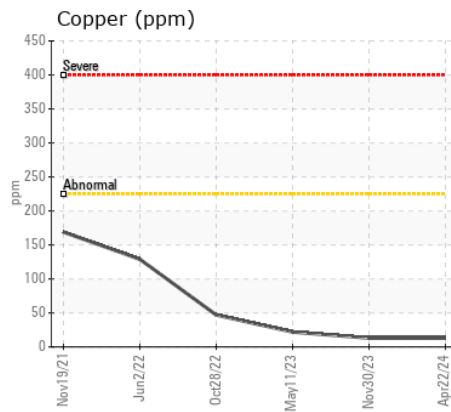
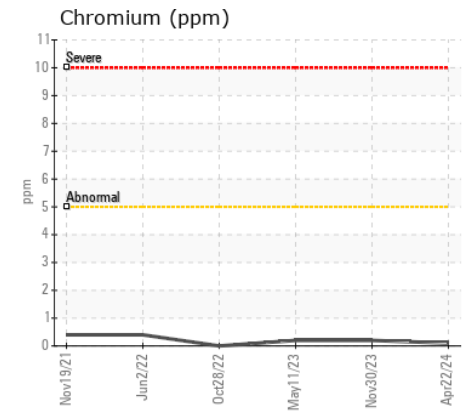
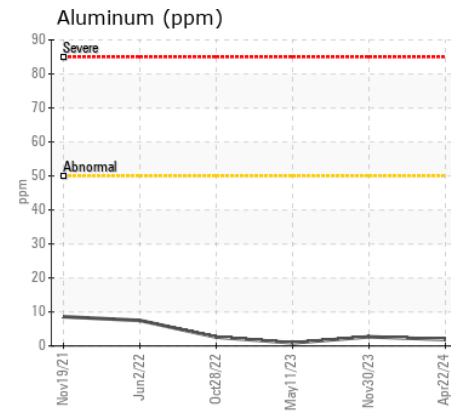
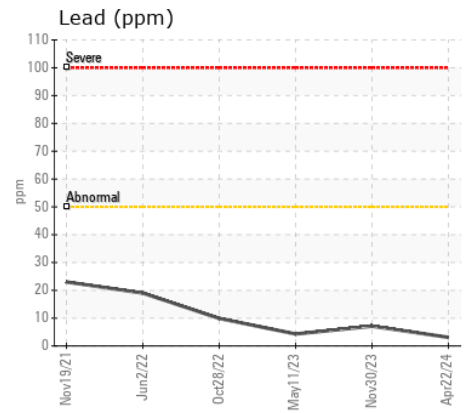
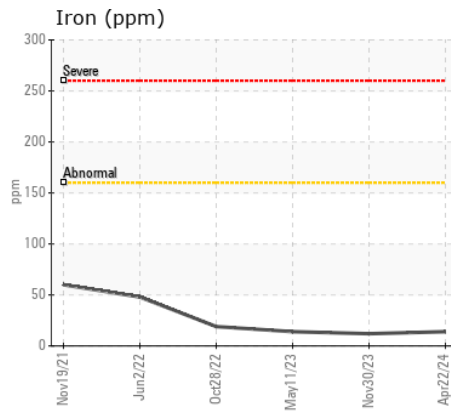
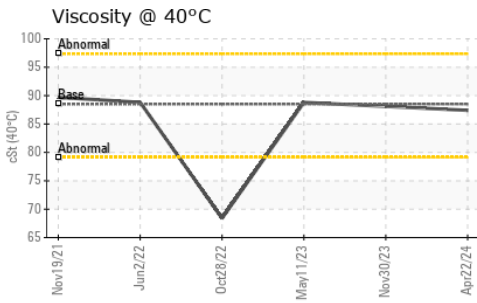
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>20	<b>16</b>	11	14
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	3	<1
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>&lt;1</b>	<1	1
Boron	ppm	ASTM D5185m	2	<b>2</b>	4	<1
Barium	ppm	ASTM D5185m	0	<b>1</b>	0	11
Molybdenum	ppm	ASTM D5185m	0	<b>&lt;1</b>	6	23
Manganese	ppm	ASTM D5185m	9	<b>&lt;1</b>	0	<1
Magnesium	ppm	ASTM D5185m	1	<b>49</b>	90	372
Calcium	ppm	ASTM D5185m	3131	<b>2882</b>	3718	1977
Phosphorus	ppm	ASTM D5185m	1194	<b>957</b>	1356	904
Zinc	ppm	ASTM D5185m	1281	<b>1097</b>	1524	1033
Sulfur	ppm	ASTM D5185m	3811	<b>4242</b>	5734	3640
Visc @ 40°C	cSt	ASTM D445	88.5	<b>87.4</b>	88.1	88.8



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0108526  
**Lab Number** : 06177987  
**Unique Number** : 11029313  
**Test Package** : MOB 1

**Received** : 13 May 2024  
**Tested** : 14 May 2024  
**Diagnosed** : 15 May 2024 - Sean Felton

**Kemp Quarries - Benton County Stone - Gravette**  
 15100 N Hwy 59  
 Sulphur Springs, AR  
 US 72768

Contact: gravette@bentoncountystone.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: