



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
KEMP QUARRIES / KEMP STONE - FAIRLAND [68773]
Machine Id
OHT042
Component
Rear Left Final Drive
Fluid
PETRO CANADA PRODURO TO-4 SAE 50 (--- GAL)

RECOMMENDATION

(Customer Sample Comment: PM-4 changed fluid)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0108718	PCA0037516	PCA0025437
Sample Date		Client Info		15 May 2024	21 Apr 2022	24 Jan 2022
Machine Age	hrs	Client Info		26970	26463	26022
Oil Age	hrs	Client Info		26970	26463	26022
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

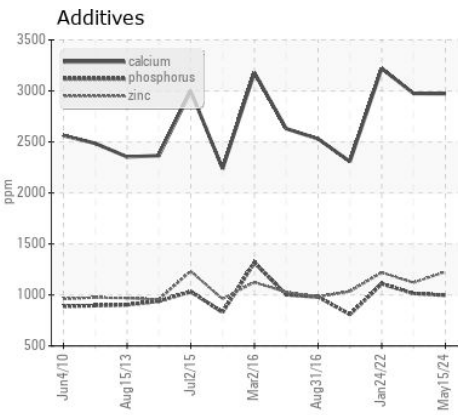
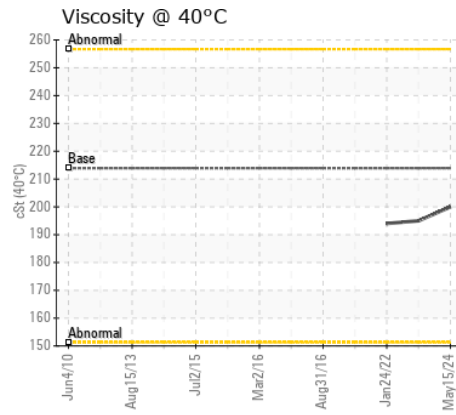
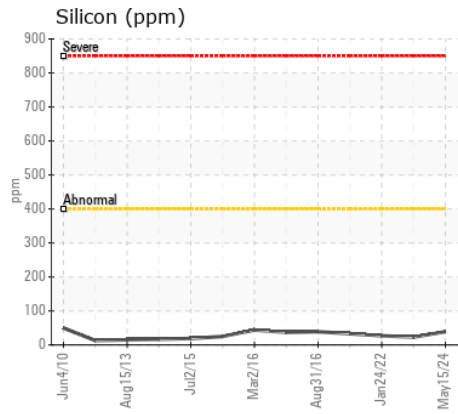
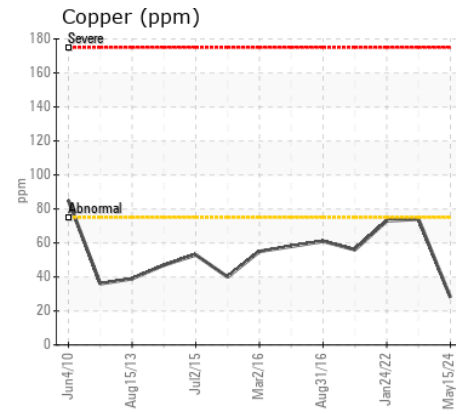
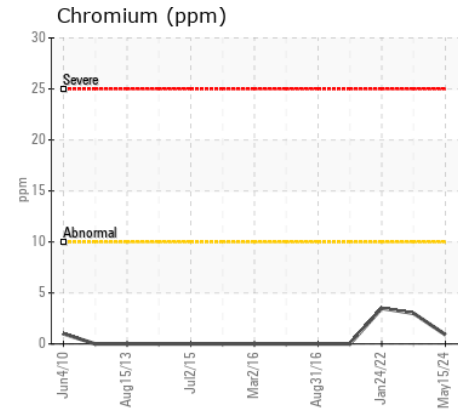
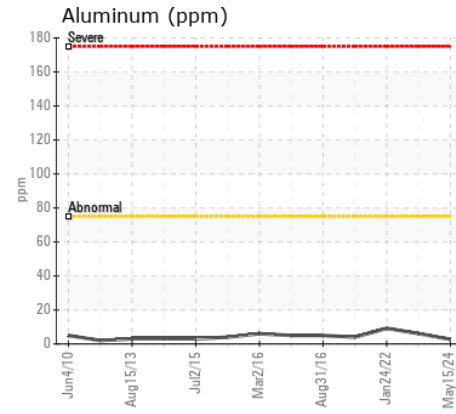
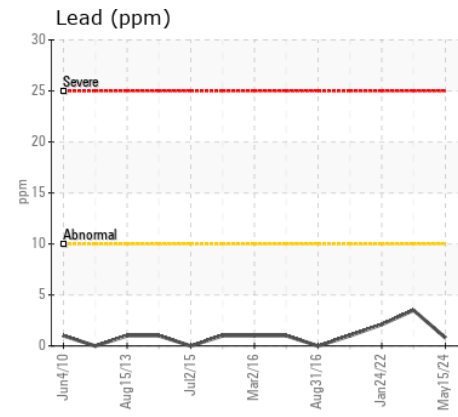
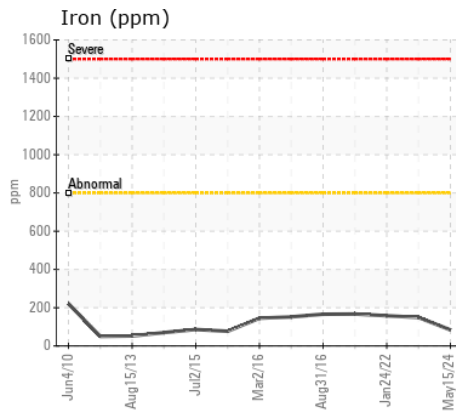
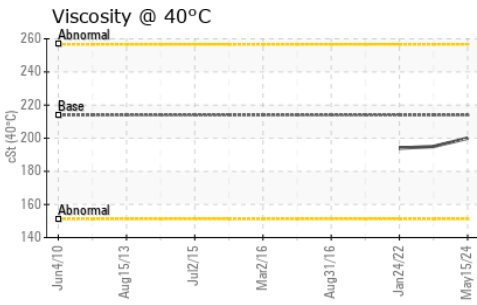
Iron	ppm	ASTM D5185m	>800	84	149	158
Chromium	ppm	ASTM D5185m	>10	<1	3	4
Nickel	ppm	ASTM D5185m	>5	<1	<1	0
Titanium	ppm	ASTM D5185m	>15	<1	<1	<1
Silver	ppm	ASTM D5185m	>2	<1	0	<1
Aluminum	ppm	ASTM D5185m	>75	3	6	9
Lead	ppm	ASTM D5185m	>10	<1	4	2
Copper	ppm	ASTM D5185m	>75	28	74	73
Tin	ppm	ASTM D5185m	>8	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	LIGHT	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

Silicon	ppm	ASTM D5185m	>400	39	23	27
Potassium	ppm	ASTM D5185m	>20	4	5	11
Water		WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG

FLUID CONDITION

Sodium	ppm	ASTM D5185m		<1	8	4
Boron	ppm	ASTM D5185m	2	1	5	6
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	2	2	2
Manganese	ppm	ASTM D5185m	0	1	2	2
Magnesium	ppm	ASTM D5185m	9	29	25	19
Calcium	ppm	ASTM D5185m	3114	2973	2975	3220
Phosphorus	ppm	ASTM D5185m	1099	996	1014	1109
Zinc	ppm	ASTM D5185m	1245	1227	1120	1220
Sulfur	ppm	ASTM D5185m	7086	6685	7291	8187
Visc @ 40°C	cSt	ASTM D445	213.9	200	195	194



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : PCA0108718
Lab Number : 06189823
Unique Number : 11046575
Test Package : MOB 1

Received : 23 May 2024
Tested : 30 May 2024
Diagnosed : 30 May 2024 - Angela Borella

Kemp Quarries - Kemp Stone - Fairland
 18350 S 590 Rd
 Fairland, OK
 US 74343

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)

Contact: fairland@kempstone.com

T:
F: