

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
KEMP QUARRIES / RIVER VALLEY BACKBONE
 Machine Id
Scr055
 Component
Drive End Bearing Lube
 Fluid
PETRO CANADA TURBOFLO R&O 150 (1 GAL)

DIAGNOSIS

Recommendation
 Resample at the next service interval to monitor.

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	PCA0069955	---	---
Sample Date	Client Info	12 Feb 2024	---	---
Machine Age	hrs Client Info	6550	---	---
Oil Age	hrs Client Info	300	---	---
Oil Changed	Client Info	Changed	---	---
Sample Status		NORMAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >100	16	---	---
Chromium	ppm ASTM D5185m >2	<1	---	---
Nickel	ppm ASTM D5185m >2	0	---	---
Titanium	ppm ASTM D5185m	0	---	---
Silver	ppm ASTM D5185m	0	---	---
Aluminum	ppm ASTM D5185m >2	2	---	---
Lead	ppm ASTM D5185m >25	0	---	---
Copper	ppm ASTM D5185m >7	5	---	---
Tin	ppm ASTM D5185m >10	0	---	---
Vanadium	ppm ASTM D5185m	0	---	---
Cadmium	ppm ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	8	---	---
Barium	ppm ASTM D5185m	0	---	---
Molybdenum	ppm ASTM D5185m	0	---	---
Manganese	ppm ASTM D5185m	0	---	---
Magnesium	ppm ASTM D5185m	1	---	---
Calcium	ppm ASTM D5185m 0	94	---	---
Phosphorus	ppm ASTM D5185m 4	240	---	---
Zinc	ppm ASTM D5185m 0	71	---	---
Sulfur	ppm ASTM D5185m	8633	---	---

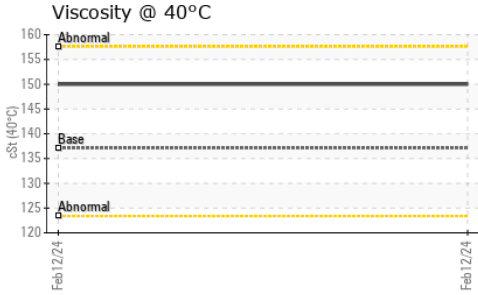
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	12	---	---
Sodium	ppm ASTM D5185m	0	---	---
Potassium	ppm ASTM D5185m >20	<1	---	---

VISUAL

method	limit/base	current	history1	history2
White Metal	scalar *Visual NONE	NONE	---	---
Yellow Metal	scalar *Visual NONE	NONE	---	---
Precipitate	scalar *Visual NONE	NONE	---	---
Silt	scalar *Visual NONE	NONE	---	---
Debris	scalar *Visual NONE	NONE	---	---
Sand/Dirt	scalar *Visual NONE	NONE	---	---
Appearance	scalar *Visual NORML	NORML	---	---
Odor	scalar *Visual NORML	NORML	---	---
Emulsified Water	scalar *Visual >0.1	NEG	---	---
Free Water	scalar *Visual	NEG	---	---

OIL ANALYSIS REPORT



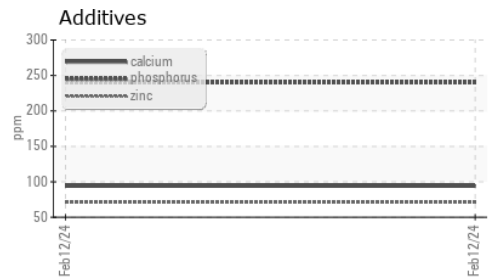
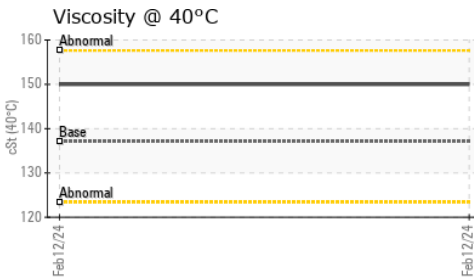
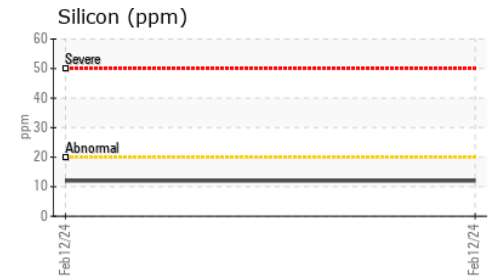
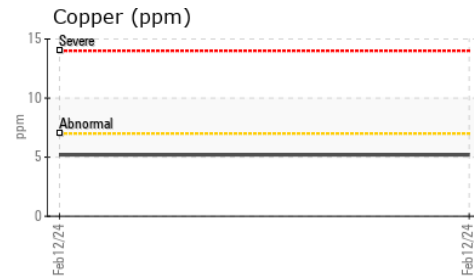
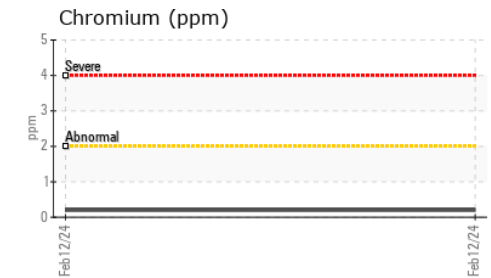
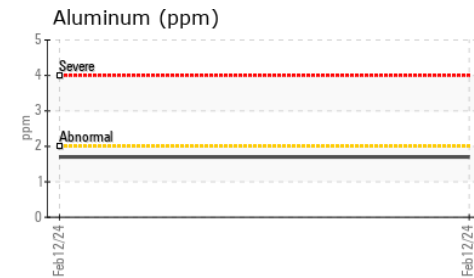
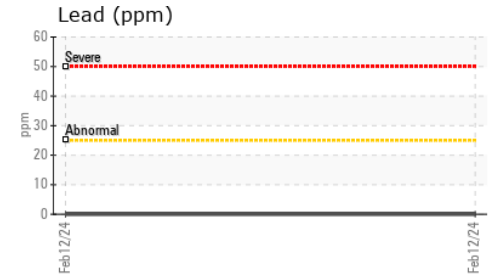
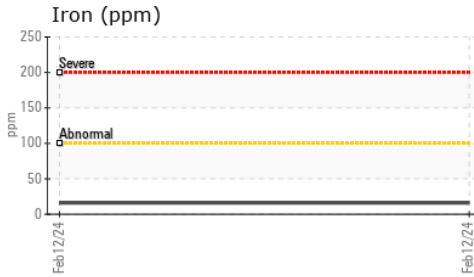
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	137.1	150	---	---

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. : PCA0069955
Lab Number : 06092519
Unique Number : 10885372
Test Package : MOB 1

Received : 16 Feb 2024
Tested : 19 Feb 2024
Diagnosed : 20 Feb 2024 - Sean Felton

Kemp Quarries - River Valley - Backbone
 5600 S Hwy 253
 Huntington, AR
 US 72940
 Contact: LEE DUCHANOIS
 LDUCHANOIS@KEMPQUARRIES.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)

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F: