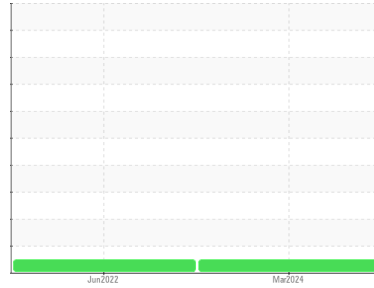




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area

[22111]

Machine Id

50-114

Component

Front Differential

Fluid

ConocoPhillips power tran oil (--- GAL)

DIAGNOSIS

Recommendation

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

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			WC0836095	WC0601664	---
Sample Date	Client Info			12 Mar 2024	17 Jun 2022	---
Machine Age	hrs	Client Info		4173	3619	---
Oil Age	hrs	Client Info		2173	619	---
Oil Changed	Client Info			Changed	Not Changd	---
Sample Status				NORMAL	NORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>.2	NEG	NEG	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	216	158	---
Chromium	ppm	ASTM D5185m	>10	4	3	---
Nickel	ppm	ASTM D5185m	>10	1	0	---
Titanium	ppm	ASTM D5185m		1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	2	2	---
Lead	ppm	ASTM D5185m	>25	2	<1	---
Copper	ppm	ASTM D5185m	>100	2	<1	---
Tin	ppm	ASTM D5185m	>10	1	<1	---
Vanadium	ppm	ASTM D5185m		<1	0	---
Cadmium	ppm	ASTM D5185m		<1	0	---

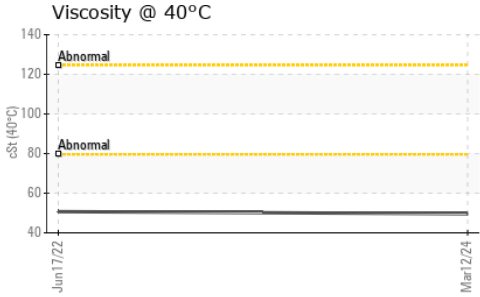
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		132	129	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		7	6	---
Manganese	ppm	ASTM D5185m		8	6	---
Magnesium	ppm	ASTM D5185m		13	13	---
Calcium	ppm	ASTM D5185m		3796	3532	---
Phosphorus	ppm	ASTM D5185m		1252	1097	---
Zinc	ppm	ASTM D5185m		1513	1345	---
Sulfur	ppm	ASTM D5185m		7110	6117	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	24	20	---
Sodium	ppm	ASTM D5185m		7	7	---
Potassium	ppm	ASTM D5185m	>20	4	<1	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	LIGHT	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>.2	NEG	NEG	---
Free Water	scalar	*Visual		NEG	NEG	---



OIL ANALYSIS REPORT



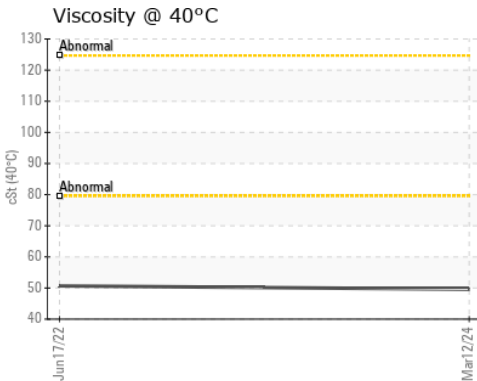
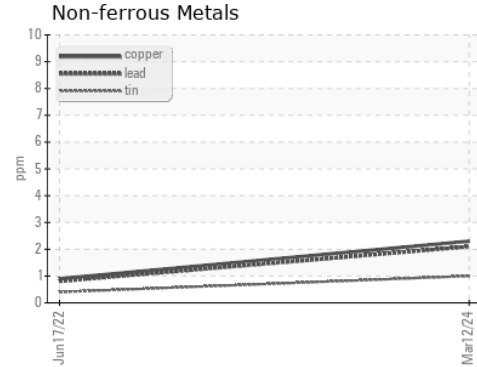
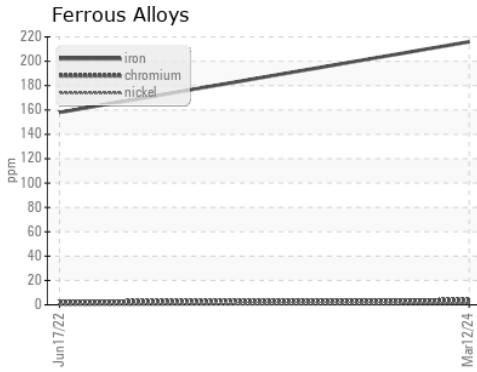
FLUID PROPERTIES

method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D445	49.6	50.7	---

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

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)

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : WC0836095

Lab Number : 06135308

Unique Number : 10954773

Test Package : CONST

Received : 01 Apr 2024

Tested : 02 Apr 2024

Diagnosed : 04 Apr 2024 - Jonathan Hester

MANHATTAN ROAD AND BRIDGE

5601 S 122ND E AVE

TULSA, OK

US 74146

Contact: BEN CALDWELL

kevin.marson@wearcheck.com

T: (918)728-5749

F: