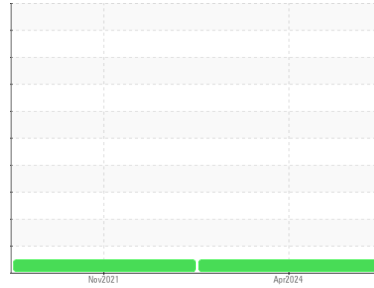




# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Area

**[21065]**

Machine Id

**80-235**

Component

**Transmission (Manual)**

Fluid

**CONOCO PHILLIPS POWER TRAN (--- GAL)**

### DIAGNOSIS

#### Recommendation

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

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the fluid.

#### Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0923375</b>	WC0601536	---
Sample Date	Client Info			<b>22 Apr 2024</b>	12 Nov 2021	---
Machine Age	hrs	Client Info		<b>3094</b>	1962	---
Oil Age	hrs	Client Info		<b>1132</b>	962	---
Oil Changed	Client Info			<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

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

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<b>40</b>	32	---
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m	>7	<b>1</b>	1	---
Aluminum	ppm	ASTM D5185m	>25	<b>3</b>	2	---
Lead	ppm	ASTM D5185m	>45	<b>7</b>	9	---
Copper	ppm	ASTM D5185m	>225	<b>45</b>	39	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	---
Antimony	ppm	ASTM D5185m		<b>---</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	<1	---

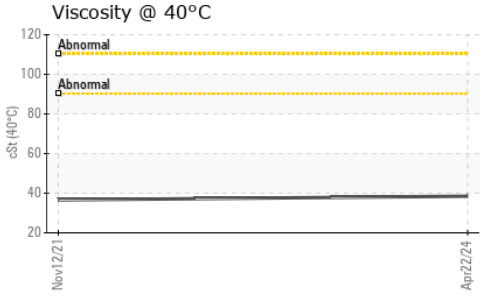
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>117</b>	110	---
Barium	ppm	ASTM D5185m		<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185m		<b>12</b>	13	---
Calcium	ppm	ASTM D5185m		<b>3060</b>	3731	---
Phosphorus	ppm	ASTM D5185m		<b>1115</b>	1171	---
Zinc	ppm	ASTM D5185m		<b>1301</b>	1471	---
Sulfur	ppm	ASTM D5185m		<b>5387</b>	6605	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	<b>11</b>	11	---
Sodium	ppm	ASTM D5185m		<b>6</b>	6	---
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	<1	---

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



# OIL ANALYSIS REPORT



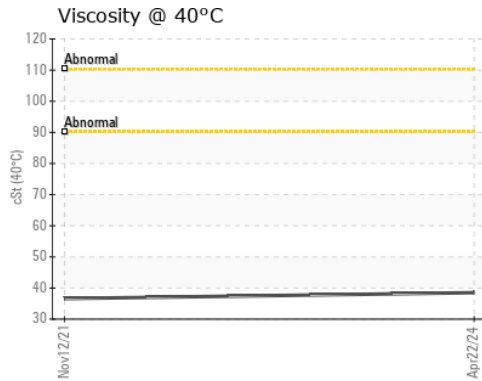
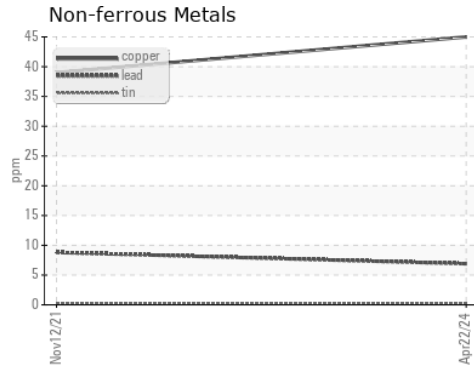
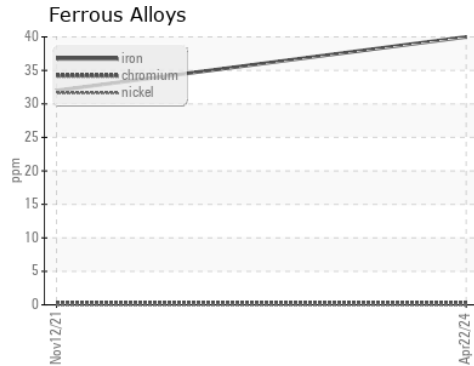
FLUID PROPERTIES	method	limit/base	current	history1	history2
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Visc @ 40°C	cSt	ASTM D445	<b>38.5</b>	36.6	---
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SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	no image	no image
Bottom				no image	no image	no image

GRAPHS
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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.** : WC0923375  
**Lab Number** : **06185372**  
**Unique Number** : 11036698  
**Test Package** : CONST

**Received** : 20 May 2024  
**Tested** : 21 May 2024  
**Diagnosed** : 22 May 2024 - Don Baldrige

**MANHATTAN ROAD AND BRIDGE**  
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