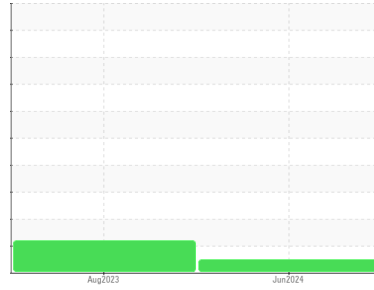




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area

[21049]

Machine Id

20-85

Component

Left Final Drive

Fluid

CONOCOPHILLIPS 80W90 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: ConocoPhillips triton 80w/90 synthetic gear oil)

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			WC0923331	WC0802350	---
Sample Date	Client Info			13 Jun 2024	18 Aug 2023	---
Machine Age	hrs	Client Info		8659	8659	---
Oil Age	hrs	Client Info		8659	536	---
Oil Changed	Client Info			Changed	Not Changd	---
Sample Status				NORMAL	ABNORMAL	---

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.2	NEG	NEG	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	103	▲ 645	---
Chromium	ppm	ASTM D5185m	>10	<1	3	---
Nickel	ppm	ASTM D5185m	>10	<1	<1	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		<1	0	---
Aluminum	ppm	ASTM D5185m	>25	3	7	---
Lead	ppm	ASTM D5185m	>25	1	0	---
Copper	ppm	ASTM D5185m	>50	3	4	---
Tin	ppm	ASTM D5185m	>10	1	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
Cadmium	ppm	ASTM D5185m		<1	0	---

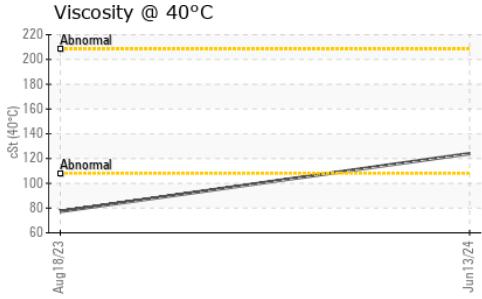
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		7	22	---
Barium	ppm	ASTM D5185m		1	<1	---
Molybdenum	ppm	ASTM D5185m		1	3	---
Manganese	ppm	ASTM D5185m		3	4	---
Magnesium	ppm	ASTM D5185m		2	6	---
Calcium	ppm	ASTM D5185m		31	127	---
Phosphorus	ppm	ASTM D5185m		667	888	---
Zinc	ppm	ASTM D5185m		76	211	---
Sulfur	ppm	ASTM D5185m		16720	12628	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	2	5	---
Sodium	ppm	ASTM D5185m		0	2	---
Potassium	ppm	ASTM D5185m	>20	2	1	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	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	>0.2	NEG	NEG	---
Free Water	scalar	*Visual		NEG	NEG	---



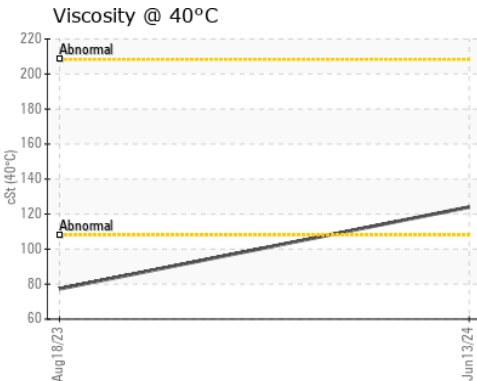
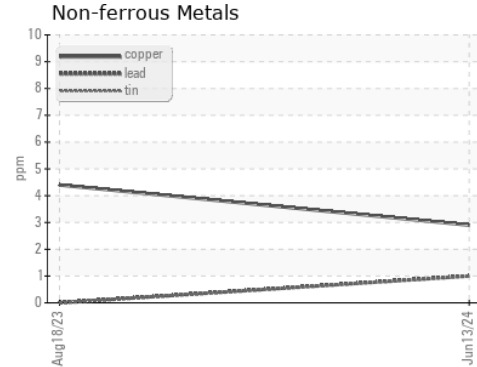
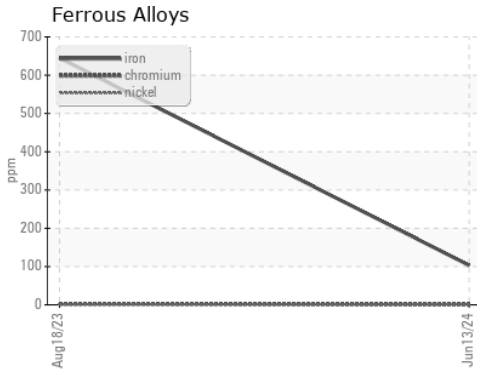
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	124	● 77.3	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				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. : WC0923331 **Received** : 24 Jun 2024
Lab Number : **06218597** **Tested** : 25 Jun 2024
Unique Number : 11096794 **Diagnosed** : 26 Jun 2024 - Sean Felton
Test Package : CONST

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