

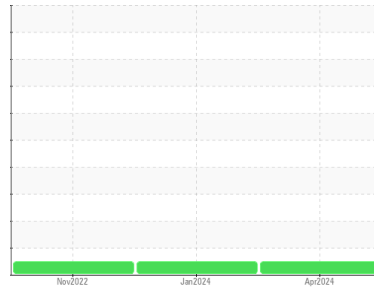


OIL ANALYSIS REPORT



Area
[22705]
 Machine Id
30-96L
 Component
Right Final Drive
 Fluid
CONOCO PHILLIPS GUARDOL ECT 15W40 (--- GAL)

Sample Rating Trend



NORMAL



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			WC0836200	WC0836220	WC0754764
Sample Date	Client Info			24 Apr 2024	04 Jan 2024	10 Nov 2022
Machine Age	hrs	Client Info		3115	2842	1869
Oil Age	hrs	Client Info		1115	973	1653
Oil Changed	Client Info			Changed	Changed	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Water	WC Method		>0.075	NEG	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>750	53	25	85
Chromium	ppm	ASTM D5185m	>9	3	<1	2
Nickel	ppm	ASTM D5185m	>10	2	0	<1
Titanium	ppm	ASTM D5185m		3	<1	<1
Silver	ppm	ASTM D5185m		3	0	0
Aluminum	ppm	ASTM D5185m	>40	5	2	4
Lead	ppm	ASTM D5185m	>15	3	0	1
Copper	ppm	ASTM D5185m	>40	3	0	<1
Tin	ppm	ASTM D5185m	>10	2	0	<1
Vanadium	ppm	ASTM D5185m		2	0	<1
Cadmium	ppm	ASTM D5185m		2	0	0

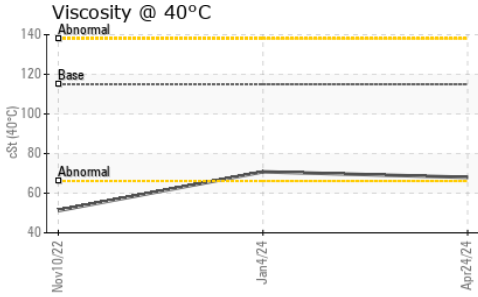
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	85	108	90	2
Barium	ppm	ASTM D5185m		1	0	0
Molybdenum	ppm	ASTM D5185m		29	24	2
Manganese	ppm	ASTM D5185m		3	<1	2
Magnesium	ppm	ASTM D5185m	350	480	484	115
Calcium	ppm	ASTM D5185m	1800	1742	1735	3482
Phosphorus	ppm	ASTM D5185m	1000	1109	1125	988
Zinc	ppm	ASTM D5185m	1100	1176	1216	1251
Sulfur	ppm	ASTM D5185m	3500	4124	3901	4104

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	21	13	19
Sodium	ppm	ASTM D5185m	>51	2	2	2
Potassium	ppm	ASTM D5185m	>20	6	2	3

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	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	>0.075	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG



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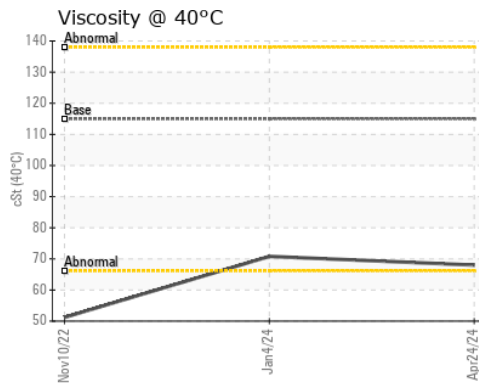
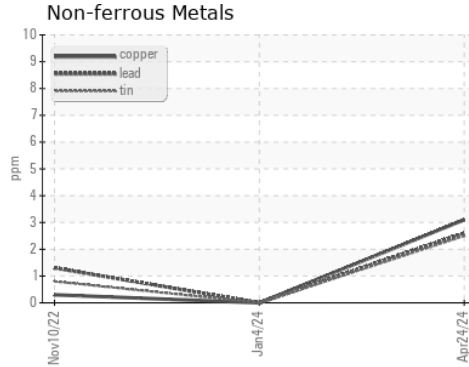
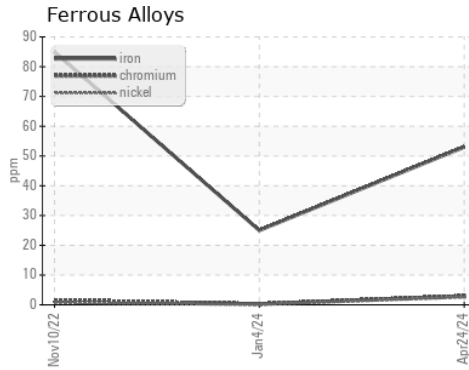


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	115	68.0	70.8	51.2

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



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. : WC0836200
Lab Number : 06183555
Unique Number : 11034881
Test Package : CONST
Received : 17 May 2024
Tested : 20 May 2024
Diagnosed : 20 May 2024 - Wes Davis

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