



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
CATERPILLAR 308E2 4004 - CAT (S/N FJX11391)
Component
Right Final Drive
Fluid
TDTO FLUID SAE 30 (3 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CL0005572	CL0003774	CL0002787
Sample Date		Client Info		17 Jun 2024	30 Nov 2022	28 Dec 2021
Machine Age	hrs	Client Info		4040	3510	2865
Oil Age	hrs	Client Info		1175	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Not Changd	Changed
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>800	57	32	157
Chromium	ppm	ASTM D5185m	>10	1	<1	3
Nickel	ppm	ASTM D5185m	>5	1	<1	<1
Titanium	ppm	ASTM D5185m	>15	<1	<1	<1
Silver	ppm	ASTM D5185m	>2	<1	0	<1
Aluminum	ppm	ASTM D5185m	>75	3	2	4
Lead	ppm	ASTM D5185m	>10	<1	0	<1
Copper	ppm	ASTM D5185m	>75	5	<1	2
Tin	ppm	ASTM D5185m	>8	<1	0	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

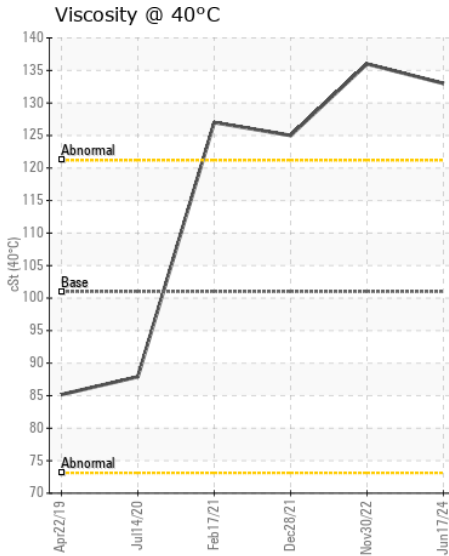
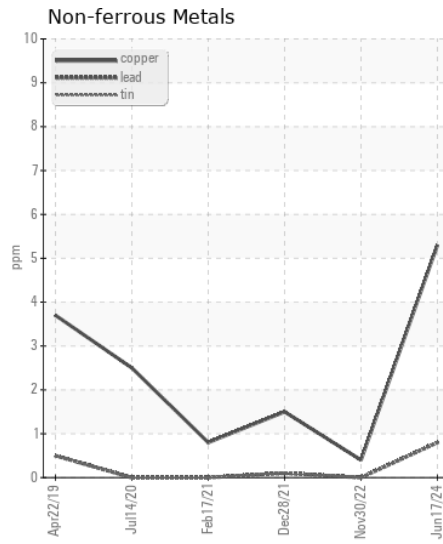
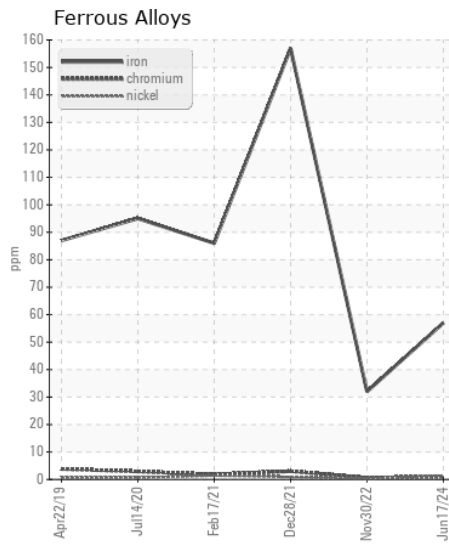
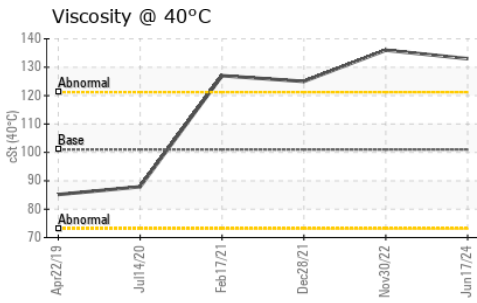
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>400	10	3	14
Potassium	ppm	ASTM D5185m	>20	3	0	<1
Water		WC Method	>0.2	NEG	NEG	NEG
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	>0.2	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	<1	1
Boron	ppm	ASTM D5185m	37	172	184	14
Barium	ppm	ASTM D5185m	7	2	0	0
Molybdenum	ppm	ASTM D5185m	5	2	2	5
Manganese	ppm	ASTM D5185m		1	<1	2
Magnesium	ppm	ASTM D5185m	40	17	18	47
Calcium	ppm	ASTM D5185m	2650	193	197	693
Phosphorus	ppm	ASTM D5185m	1050	845	755	421
Zinc	ppm	ASTM D5185m	1075	93	77	257
Sulfur	ppm	ASTM D5185m	5750	20822	21374	19924
Visc @ 40°C	cSt	ASTM D445	101	133	136	125



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : CL0005572
Lab Number : 06218615
Unique Number : 11096812
Test Package : CONST
Received : 24 Jun 2024
Tested : 25 Jun 2024
Diagnosed : 26 Jun 2024 - Sean Felton

BAKER AR
 8819 COLUMBUS RD
 DAVIDSON, NC
 US 28036
 Contact: Service Manager

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: