



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**CATERPILLAR D6K 6002 (S/N EL700102)**  
Component  
**Hydrostatic**  
Fluid  
**{not provided} (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>CL0005561</b>	CL0003716	CL0003097
Sample Date		Client Info		<b>15 Jun 2024</b>	09 Nov 2022	15 Apr 2022
Machine Age	hrs	Client Info		<b>4391</b>	3845	3290
Oil Age	hrs	Client Info		<b>4391</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Changed</b>	Not Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>200	<b>63</b>	62	65
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>50	<b>4</b>	3	3
Lead	ppm	ASTM D5185m	>50	<b>&lt;1</b>	0	1
Copper	ppm	ASTM D5185m	>200	<b>4</b>	4	5
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

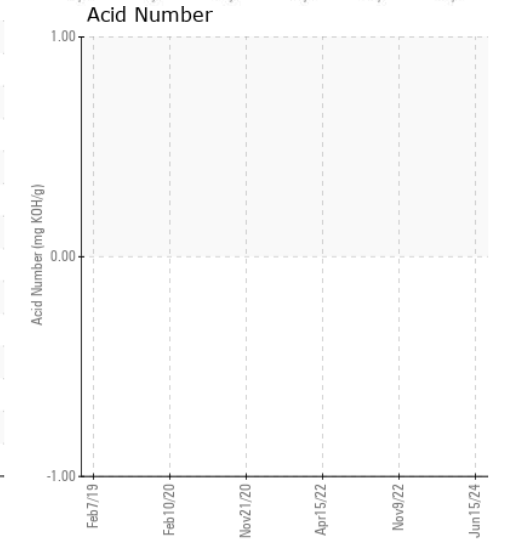
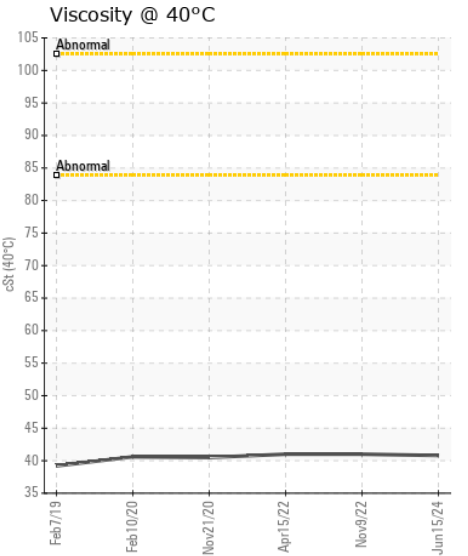
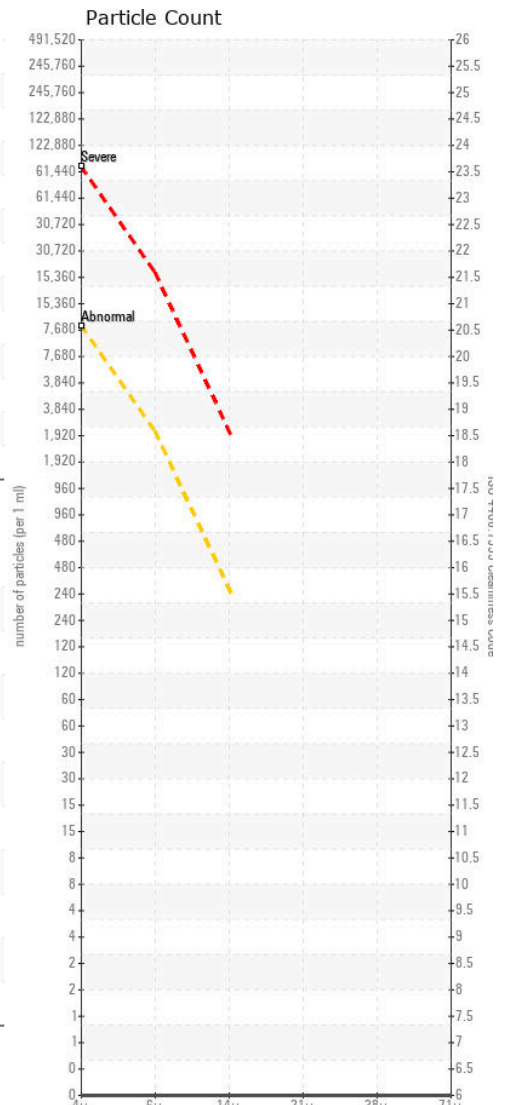
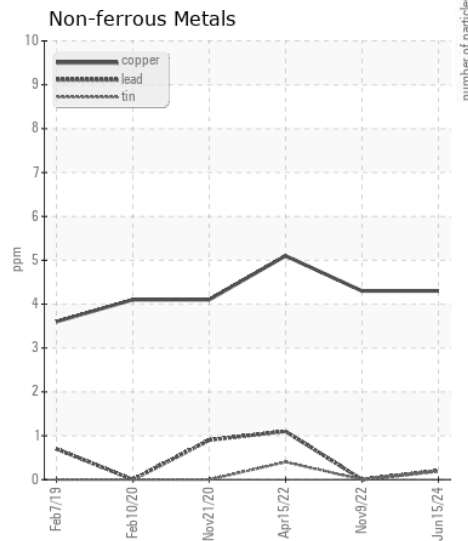
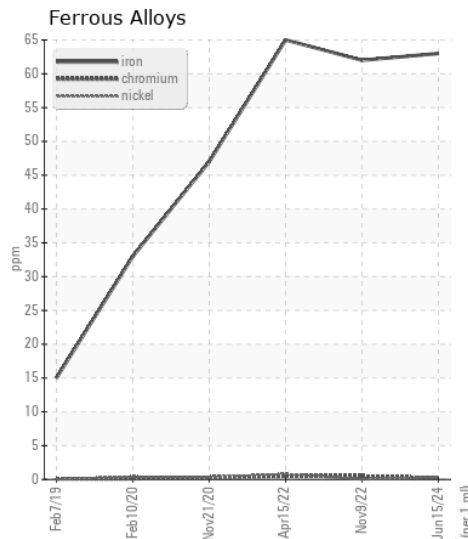
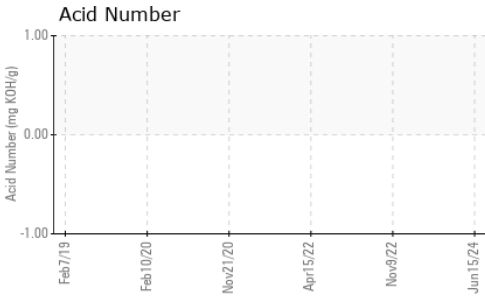
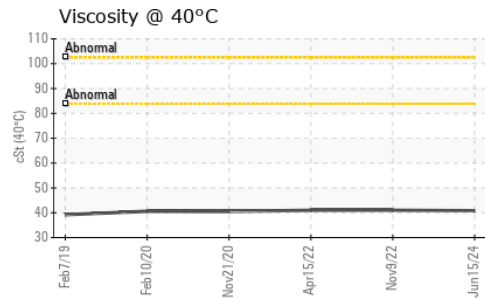
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>50	<b>6</b>	6	5
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	0	0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>5</b>	3	4
Boron	ppm	ASTM D5185m		<b>0</b>	<1	2
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>1</b>	<1	1
Magnesium	ppm	ASTM D5185m		<b>6</b>	3	8
Calcium	ppm	ASTM D5185m		<b>258</b>	264	303
Phosphorus	ppm	ASTM D5185m		<b>678</b>	575	653
Zinc	ppm	ASTM D5185m		<b>834</b>	746	800
Sulfur	ppm	ASTM D5185m		<b>2447</b>	2070	1802
Visc @ 40°C	cSt	ASTM D445		<b>40.8</b>	41.0	41.0



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : CL0005561 **Received** : 24 Jun 2024  
**Lab Number** : 06218117 **Tested** : 25 Jun 2024  
**Unique Number** : 11096314 **Diagnosed** : 26 Jun 2024 - Jonathan Hester  
**Test Package** : CONST ( Additional Tests: PrtCount )

**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)

T:  
F: