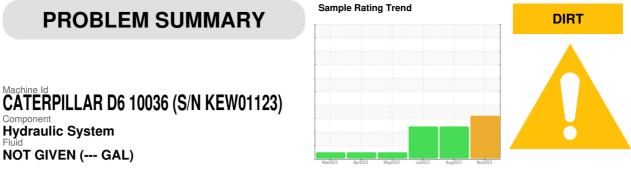
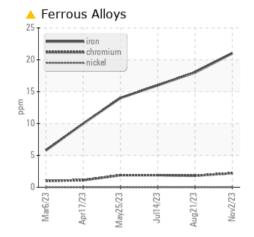


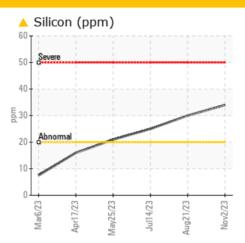
PROBLEM SUMMARY

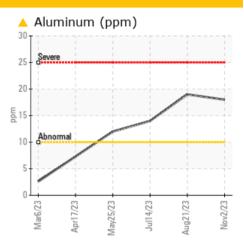


Component **Hydraulic System** NOT GIVEN (--- GAL)

COMPONENT CONDITION SUMMARY







RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS									
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL			
Iron	ppm	ASTM D5185m	>20	<u> </u>	18	16			
Aluminum	ppm	ASTM D5185m	>10	<u> </u>	1 9	1 4			
Silicon	ppm	ASTM D5185m	>20	<u> </u>	A 30	a 25			

Customer Id: TRANEW Sample No.: WC0862902 Lab Number: 06001532 Test Package: CONST



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 ihester@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS							
Action	Status	Date	Done By	Description			
Check Dirt Access			?	We advise that you check all areas where dirt can enter the system.			

HISTORICAL DIAGNOSIS



21 Aug 2023 Diag: Don Baldridge

We advise that you check all areas where dirt can enter the system. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



view report

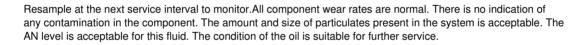
14 Jul 2023 Diag: Don Baldridge

DIRT



We advise that you check all areas where dirt can enter the system. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

25 May 2023 Diag: Jonathan Hester









OIL ANALYSIS



Machine Ic CATERPILLAR D6 10036 (S Component **Hydraulic System**

NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation

We advise that you check all areas where dirt can enter the system. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

A Wear

All component wear rates are normal.

Contamination

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The amount and size of particulates present in the system are acceptable.

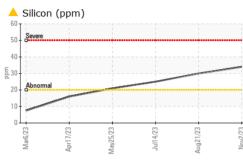
Fluid Condition

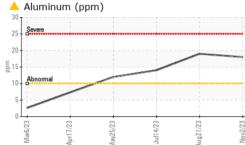
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

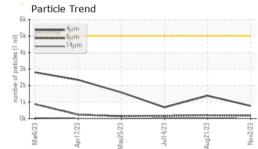
SIS REPO	RT	Samp	le Rating Tre	DIRT		
0036 (S/N KEW0)1123)	M=2023	1 Ag2023 Mwy802	a Ju2023 Aug2023	Werdaza	
SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0862902	WC0837050	WC0816316
Sample Date		Client Info		02 Nov 2023	21 Aug 2023	14 Jul 2023
Machine Age	hrs	Client Info		3060	2552	2039
Oil Age	hrs	Client Info		3060	2552	2039
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	2 1	18	16
Chromium	ppm	ASTM D5185m	>10	2	2	2
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	<1
Aluminum	ppm	ASTM D5185m	>10	<u> </u>	1 9	1 4
Lead	ppm	ASTM D5185m	>10	2	3	2
Copper	ppm	ASTM D5185m	>75	23	24	19
Tin	ppm	ASTM D5185m	>10	<1	<1	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		6	3	4
Barium	ppm	ASTM D5185m		0	2	<1
Molybdenum	ppm	ASTM D5185m		<1	<1	<1
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		12	7	7
Calcium	ppm	ASTM D5185m		404	317	300
Phosphorus	ppm	ASTM D5185m		702	744	704
Zinc	ppm	ASTM D5185m		960	939	929
Sulfur	ppm	ASTM D5185m		2027	2051	1936
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	4 34	3 0	^ 25
Sodium	ppm	ASTM D5185m		0	0	0
Potassium	ppm	ASTM D5185m	>20	4	3	2
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	772	1382	684
Particles >6µm		ASTM D7647	>1300	180	208	168
Particles >14µm		ASTM D7647	>160	17	19	20
Particles >21µm		ASTM D7647	>40	4	6	5
Particles >38µm		ASTM D7647	>10	0	0	0
Particles >71µm		ASTM D7647		0	0	0
Oil Cleanliness		ISO 4406 (c)	>19/17/14	17/15/11	18/15/11	17/15/11



OIL ANALYSIS REPORT







491.52 122,88

30.7 (In

7,68 particles (per

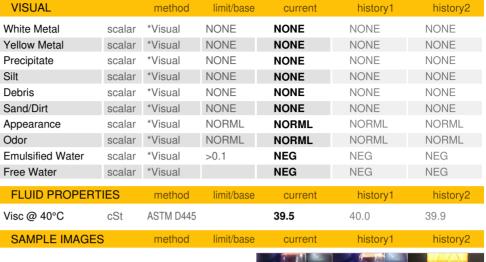
1,92

of

48

Ē 0.

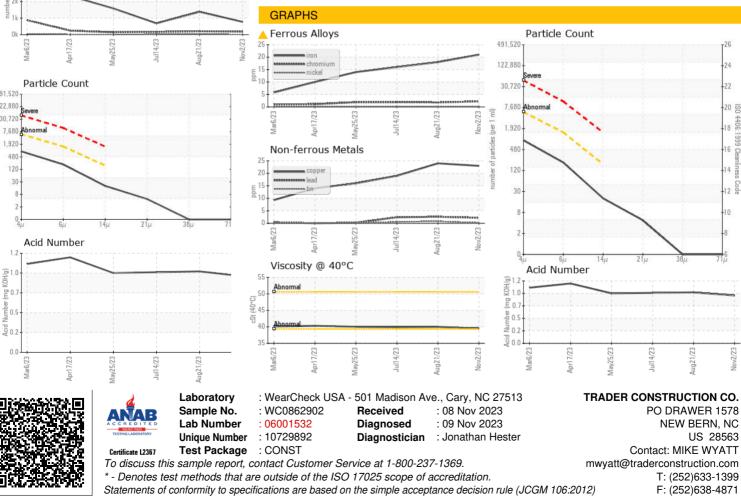
0.



Color



Bottom



Contact/Location: MIKE WYATT - TRANEW