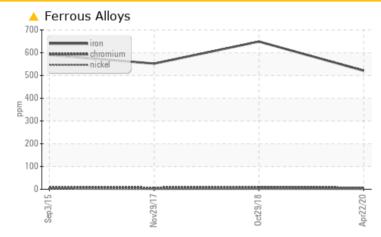


PROBLEM SUMMARY

Area KANSAS/44/EG - BACKHOE LOADER Machine Id 53.501L [KANSAS^44^EG - BACKHOE LOADER] Component

Rear Left Planetary Fluid MOBIL DELVAC 1330 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

No corrective action is recommended at this time. The oil 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	>500	<u> </u>	6 49	▲ 552				

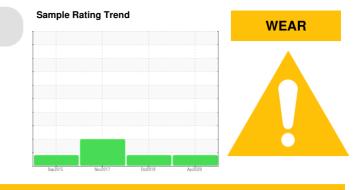
Customer Id: SHEWIC Sample No.: WC0421658 Lab Number: 04973768 Test Package: MOBCE



To manage this report scan the QR code

To discuss the diagnosis or test data: Don Baldridge +1 <u>don.b505@comcast.net</u>

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



RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

29 Oct 2018 Diag: Jonathan Hester



No corrective action is recommended at this time. Resample at the next service interval to monitor.Gear wear is indicated. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

29 Nov 2017 Diag: Don Baldridge



No corrective action is recommended at this time. Resample at the next service interval to monitor. Moderate concentration of visible metal present. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

03 Sep 2015 Diag: Don Baldridge



No corrective action is recommended at this time. Resample at the next service interval to monitor.Gear wear is indicated. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.





view report





OIL ANALYSIS REPORT

Area KANSAS/44/EG - BACKHOE LOADER Machine Id 53.501L [KANSAS^44^EG - BACKHOE LOADER] Component

Rear Left Planetary Fluid MOBIL DELVAC 1330 (--- GAL)

MOBIL DELVAC 1350 (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

🔺 Wear

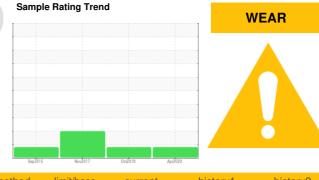
Gear wear is indicated.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

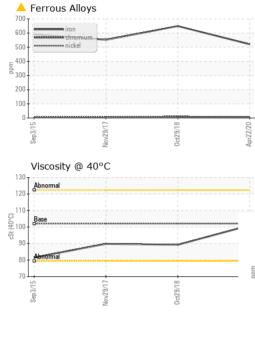
The condition of the oil is acceptable for the time in service.

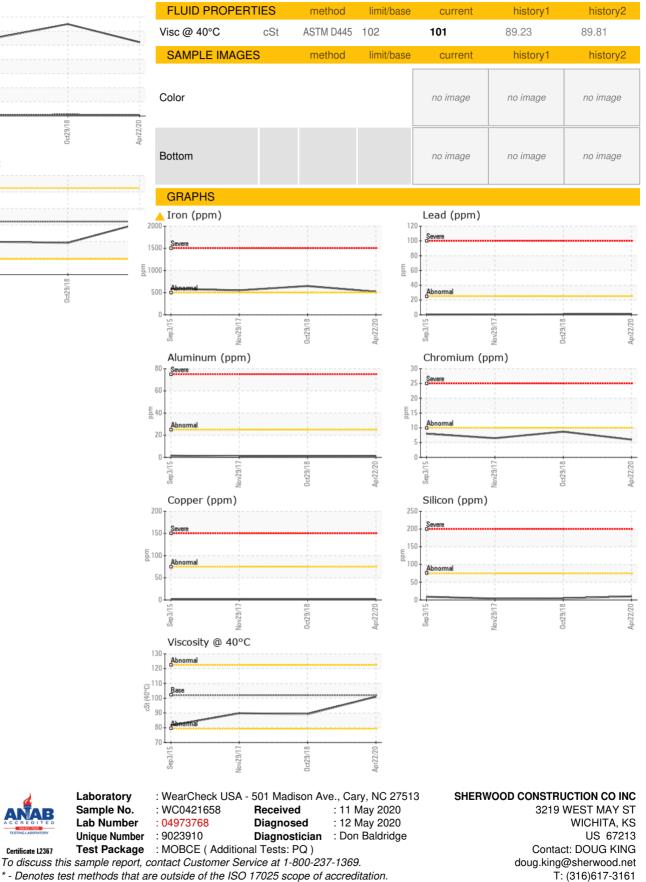


SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0421658	WCCF5961	WCCF3455
Sample Date		Client Info		22 Apr 2020	29 Oct 2018	29 Nov 2017
Machine Age	hrs	Client Info		6191	5055	4574
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Not Changd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	5 21	649	▲ 552
Chromium	ppm	ASTM D5185m	>10	6	9	6
Nickel	ppm	ASTM D5185m		<1	1	1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	1	<1
Lead	ppm	ASTM D5185m	>25	1	<1	<1
Copper	ppm	ASTM D5185m		<1	1	1
Tin	ppm	ASTM D5185m	>10	0	0	<1
Antimony	ppm	ASTM D5185m		۰ <1	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	<1	0
	μμπ					
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		26	6	6
Barium	ppm	ASTM D5185m		0	0	<1
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		2	3	3
Magnesium	ppm	ASTM D5185m		18	26	22
Calcium	ppm	ASTM D5185m		3071	3227	2779
Phosphorus	ppm	ASTM D5185m		916	992	965
Zinc	ppm	ASTM D5185m		1194	1075	1021
Sulfur	ppm	ASTM D5185m		4913	14128	4079
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	10	5	4
Sodium	ppm	ASTM D5185m		2	2	2
Potassium	ppm	ASTM D5185m	>20	3	1	1
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	LIGHT	LIGHT	A MODER
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	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG



OIL ANALYSIS REPORT





Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate L2367

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