

CONSTRUCTION EQUIPMENT JOHN DEERE 524KII 679355 - REAR AXLE



Sample No: VCP413820

Oil Type: SHELL TELLUS S2 MX 46

Job No:

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

	INFORMATION			<u>.</u>
Sample Number		VCP413820	VCP217487	
Sample Date		15 Nov 2023	16 Sep 2017	
Machine Hours		5950	499	
Dil Hours		1000	499	
Dil Changed		Changed	Not Changd	
Sample Status		ABNORMAL	NORMAL	
OIL CON	DITION			
/isc @ 40°C	cSt	∎45.4	51.89	
CONTAM	IINATION			
Nater	%	NEG	NEG	
Silicon	ppm	20	8	
Sodium	ppm	16	7	
Potassium	ppm	2	4	
WEAR M	IETALS			
ron	ppm	382	116	
Copper	ppm	<u> </u>	65	
ead	ppm	🔺 119	95	
Tin	ppm	5	5	
Aluminum	ppm	3	0	
Chromium	ppm	∎1	 <1	
Molybdenum	ppm	 <1	0	
Nickel	ppm	1	<1	
Titanium	ppm	<1	0	
Silver	ppm	0	0	
Manganese	ppm	7	4	
/anadium	ppm	0	0	

3392

1138

956

2

6

89

LEO	

TOTAL DEVELOPMENT SOLUTIONS LLC

7805 PROGRESS CT GAINESVILLE, VA US 20155 Contact: JOE SEALE jseale@totaldevelopmentsolutions.com T: (703)222-0497 F: (703)753-4586

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.Bearing and/or bushing 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.

Depot:	TOTGAI	
Unique No:	10792280	
Signed:	Sean Felton	
Report Date:	20 Dec 2023	

3032

76

990

900

0 🔲

2

ppm

ppm

ppm

ppm

ppm

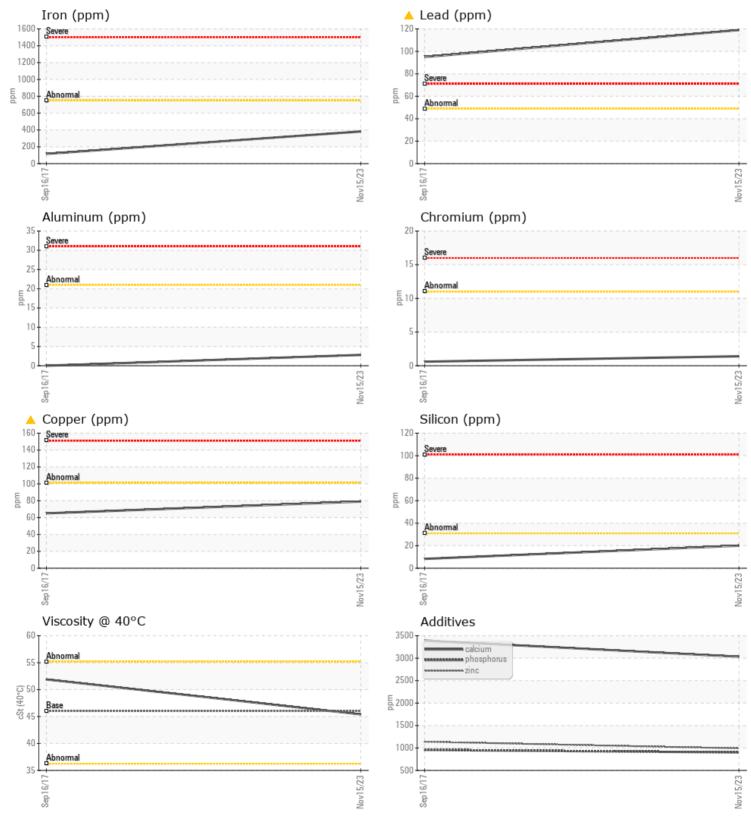
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: TOTGAI [WUSCAR] 06037051 (Generated: 12/21/2023 04:07:50) Rev: 1

Contact/Location: JOE SEALE - TOTGAI