LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR TA230 Sullivan TA230 149809 - Front Axle

Sample No: LH0268746

Oil Type: LIEBHERR GEAR MF 80W

Sam	ole Infor	mation			
Sample Number		LH0268746	LH0264574	1	
Sample Date		03 Jul 2024	01 Apr 2024		
Machine Hours		1169	650		
Oil Hours		1169	650		
Oil Changed		Not Changd	Not Changd		
Sample Status		ABNORMAL	ABNORMAL		
	ondition				
Visc @ 40°C	cSt	63.8	64.5		
Conto	aminatio	on			
Water	%	NEG	NEG		
Silicon	ppm	17	O 16		
Sodium	ppm	22	O 22		
Potassium	ppm	1	O 0		
Wea	r Metals	<u>0</u> 150	O 165		
	ppm		_		
Copper	ppm	O 71	<u> </u>		
Lead	ppm	O <1	0 0		
Tin	ppm	0 4	0 4		
Aluminum	ppm	0 4	0 4		
Chromium	ppm	2	0 2		
Molybdenum	ppm	0 0	0 0		
Nickel	ppm	07	0 5		
Titanium	ppm	<1	0		
Silver	ppm	0	0		
Manganese	ppm	0 17	O 19		
Vanadium	ppm	0	0		
Addi	tives				
Calcium	ppm	3640	3417		
Magnesium	ppm	12	3		
Zinc	ppm	1520	1443		
Phosphorus	ppm	1330	1229		

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LIEBHERR EQUIPMENT SOURCE

8200 FAYETTEVILLE ROAD RALEIGH, NC US 27603

Contact: TAYLOR BLALOCK taylor.blalock@liebherr.com

T: (757)718-0491 F: (919)329-0084

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:LIEBHERRNCUnique No:11114096Signed:Sean FeltonReport Date:10 Jul 2024

Submitted By: SHERWOOD LUCAS

0

113

ppm

ppm

Barium

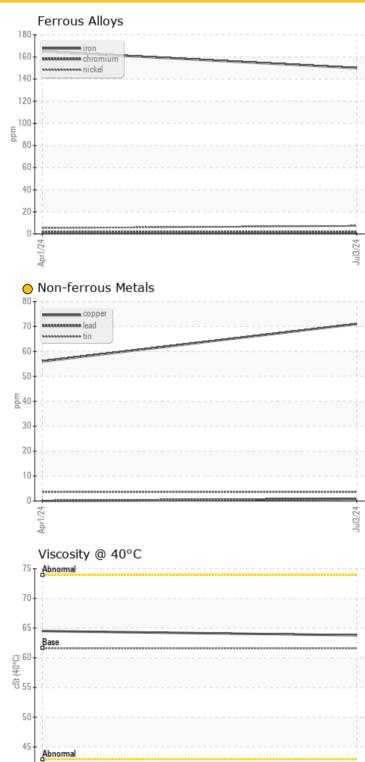
Boron

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Graphs



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