CONSTRUCTION EQUIPMENT

LIEBHERR LH30M 142539-1253 - Rear Differential

Sample No: LH0284076

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

SAMPLEINFORMATION						
Sample Number	LH0284076	LH0260401	LH0260651			
Sample Date	15 Feb 2024	17 Aug 2023	03 May 2023			
Machine Hours	0	1138	732			
Oil Hours	0	0	0			
Oil Changed	N/A	Changed	Changed			
Sample Status	ABNORMAL	NORMAL	NORMAL			
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Goodies Trading Ltd. 8150 Aitken Road Chilliwack, BC CA V2R 4H5 Contact: Service Manager

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OIL CO	NDITION				
Visc @ 40°C	cSt	104	99.3	64.4	

CONTAMINATION Water % **NEG** Silicon **33** 02 ppm **3 19** Sodium 0<1 ppm Potassium ppm **()** <1

₩EA	R METAL	S			
Iron	ppm	8	O 5	8	
Copper	ppm	○ <1	3	4	
Lead	ppm	 <1	0	<1	
Tin	ppm	0	O 0	O 0	
Aluminum	ppm	<1	O <1	O 1	
Chromium	ppm	0	O 0	<1	
Molybdenum	ppm	0	0	<1	
Nickel	ppm	0	O 0	0	
Titanium	ppm	0	0	<1	
Silver	ppm	0	0	0	
Manganese	ppm	0	O <1	O 2	
Vanadium	ppm	0	0	0	

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate concentration of dirt present in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable due to the presence of contaminants.

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ADDITIVES					
Calcium	ppm	42	355	3809	
Magnesium	ppm	2	O 2	10	
Zinc	ppm	21	184	1451	
Phosphorus	ppm	1223	O 1261	1246	
Barium	ppm	0	0	O <1	
Boron	ppm	299	O 273	102	

Depot: GOOCHI Unique No: 5733424 Signed: Kevin Marson **Report Date:** 16 Feb 2024

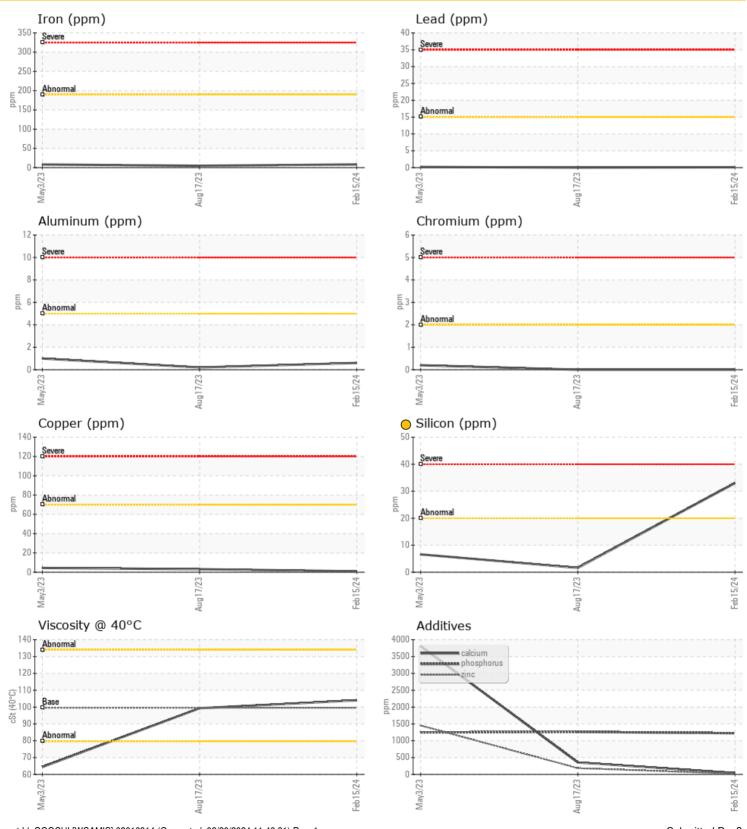
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GRAPHS



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