2 **CONSTRUCTION EQUIPMENT**

LIEBHERR LH30M 1253-121539 - Front Right Wheel Hub

Sample No: LH0213364

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	LH0213364	LH0213336	
Sample Date	21 Aug 2023	08 Sep 2022	
Machine Hours	3000	1000	
Oil Hours	0	0	
Oil Changed	N/A	N/A	
Sample Status	NORMAL	NORMAL	

OIL CO	NDITION			
Visc @ 40°C	cSt	144	0 80.1	

Silicon	ppm	06	5			
Sodium	ppm	07	0 16			
Potassium	ppm	 <1	0			

		Ū	0	
		LS		
Iron	ppm	0 31	21	
Copper	ppm	20	◯ 31	
Lead	ppm	0 🔘	◯ <1	
Tin	ppm	0	0	
Aluminum	ppm	01	5	
Chromium	ppm	<mark></mark> <1	○ <1	
Molybdenum	ppm	1	0	
Nickel	ppm	0 ()	0	
Titanium	ppm	0	0	
Silver	ppm	0	<1	
Manganese	ppm	<1	1	
Vanadium	ppm	0	0	



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ADDITIVES Calcium nnm

Calcium	ppm	3322	2272	
Calcium	ppm	5522	2212	
Magnesium	ppm	4	8	
Zinc	ppm	1234	901	
Phosphorus	ppm	1288	1404	
Barium	ppm	0	0	
Boron	ppm	31	56	



KEYSTONE RAIL RECOVERY 70 MARYLAND AVE

JERSEY SHORE, NJ US 17740 Contact: Service Manager

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Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All 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: KEYJER Unique No: Signed: **Report Date:**

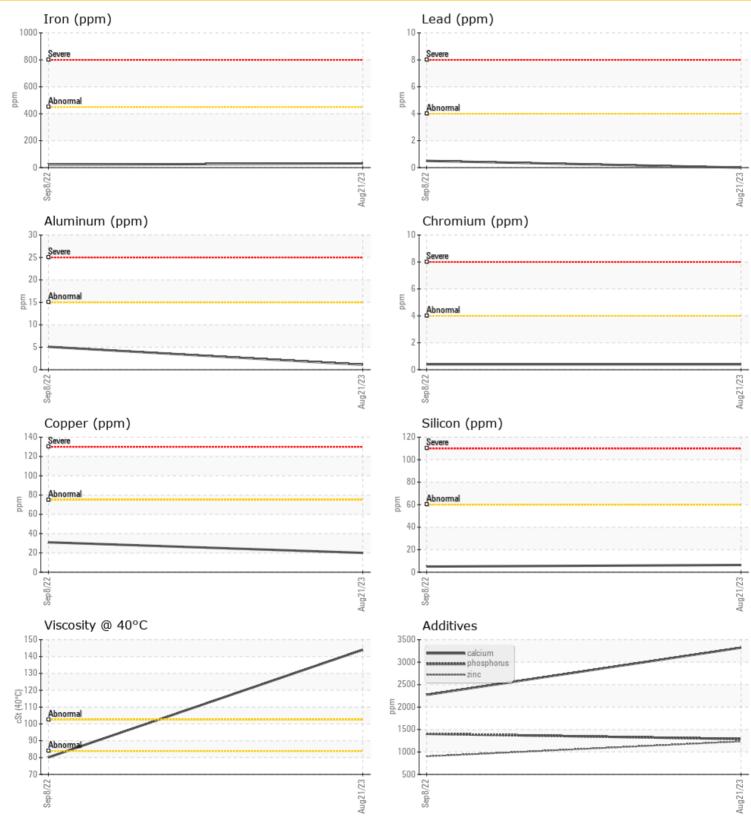
10616393 Don Baldridge 23 Aug 2023





GRAPHS

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