

LIEBHERR LH50M 145461-1216 - Front Left Wheel Hub

Sample No: LH0255621

Oil Type: 49 NORTH 75W90

SAMPLE INFORMATION

Sample Number		LH0255621	LH0255609	
Sample Date		25 Nov 2023	26 Jun 2023	
Machine Hours		2400	1086	
Oil Hours		0	0	
Oil Changed		Changed	N/A	
Sample Status		NORMAL	NORMAL	
OIL CO	DNDITION			
Visc @ 40°C	cSt	85.8	0 105	

Water	%	NEG	NEG		
Silicon	ppm	0 2	07		
Sodium	ppm	03	07		
Potassium	maa	○ <1	$\bigcirc 2$		

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WE/	AR META	LS		
		0.47	0.07	
Iron	ppm	0 17	27	
Copper	ppm	08	0 22	
Lead	ppm	○ <1	◯ <1	
Tin	ppm	0	0	
Aluminum	ppm	○ <1	0 1	
Chromium	ppm	0	0	
Molybdenum	ppm	0	○ <1	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	<1	0	
Manganese	ppm	<1	2	
Vanadium	ppm	0	0	

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ADDITIVES					
Calcium	ppm	31	29		
Magnesium	ppm	2	03		
Zinc	ppm	41	0 40		
Phosphorus	ppm	905	0 1427		
Barium	ppm	<1	○ <1		
Boron	ppm	106	0 180		





GENERAL RECYCLING INDUSTRIES LTD. 4120 - 84 AVENUE

EDMONTON, AB CA T6B 3H3 Contact: Corey MacKay cmackay@trailco.ca T: (587)926-1610 F: (780)485-4294

Diagnosis

Resample at the next service interval to monitor. The fluid was specified as 49 NORTH 75W90, however, a fluid match indicates that this fluid is SAE 80 Gear Oil. Please confirm the oil type and grade on your next sample.All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot:GiUnique No:56Signed:KeReport Date:30

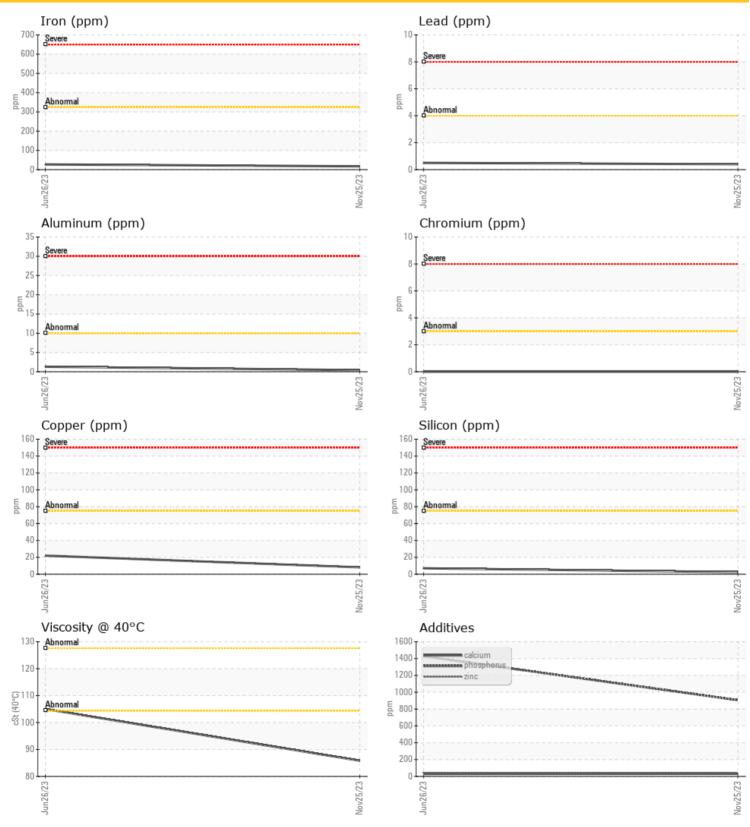
GEN156EDM 5684970 Kevin Marson 30 Nov 2023





GRAPHS

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