



LIEBHERR LRB18 110900 HAMMER DRILL - Final Drive

Sample No: LH06062226

Oil Type: LS PLUS 220

SAMPLE INFORMATION

Sample Number	LH06062226	 	
Sample Date	22 Dec 2023	 	
Machine Hours	0	 	
Oil Hours	500	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

Visc @ 40°C

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OIL CONDITION

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cSt	

236

Water	%	NEG			
Silicon	ppm	0 12			
Sodium	ppm	0			
Potassium	ppm	0			

WEA	AR META	LS		
Iron	ppm	0 89	 	
Copper	ppm	0 12	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	○ <1	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

	TIVES			
Calcium	ppm	17	 	
Magnesium	ppm	<1	 	
Zinc	ppm	21	 	
Phosphorus	ppm	421	 	
Barium	ppm	0	 	
Boron	ppm	13	 	

FINKBINER EQUIPMENT CO.

15 W 400 N FRONTAGE RD BURR RIDGE, IL US 60527 Contact: TROY MILLER tmiller@finkbiner.com T: (630)654-3700 F: (630)654-3792

Diagnosis

Resample at the next service interval to monitor.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:	LEC0033
Unique No:	10833608
Signed:	Wes Davis
Report Date:	18 Jan 2024

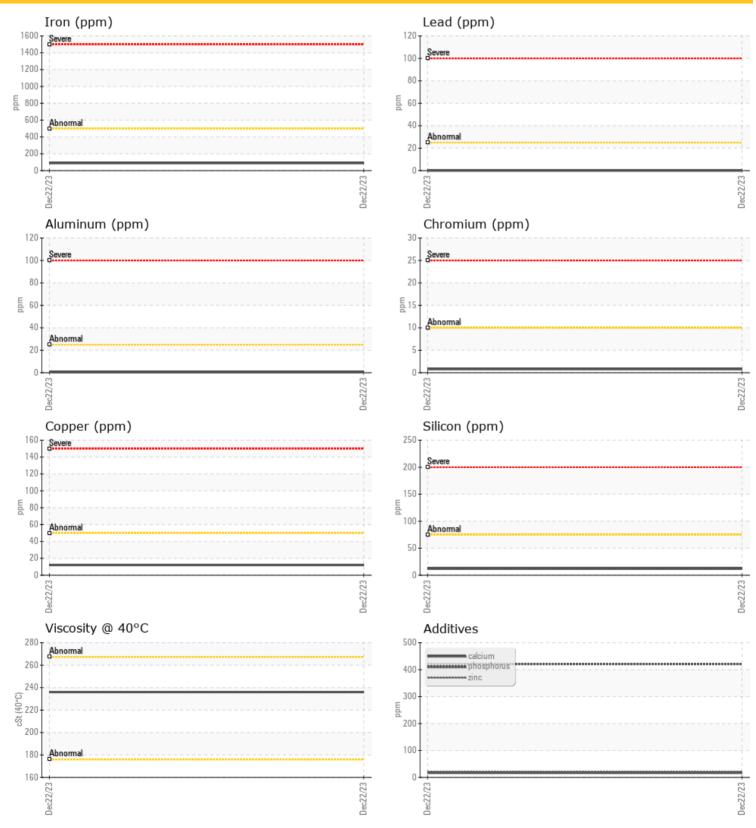
Contact/Location: TROY MILLER - LEC0033





GRAPHS

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Report Id: LEC0033 [WUSCAR] 06062226 (Generated: 01/18/2024 01:09:49) Rev: 1

Contact/Location: TROY MILLER - LEC0033