



LIEBHERR LRB18 110900 - Swing Drive

Sample No: LH06062227

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION Sample Number LH06062227 Sample Date 22 Dec 2023 Machine Hours 2017 **Oil Hours** 500 Oil Changed Changed Sample Status ABNORMAL

OIL CONDITION

Visc @ 40°C -

cSt 0 192

Water	%	NEG				
Silicon	ppm	0 2				
Sodium	ppm	01				
Potassium	ppm	0				

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WE/	R META	LS		
Iron	ppm	5 5	 	
Copper	ppm	<mark>)</mark> 311	 	
Lead	ppm	0	 	
Tin	ppm	08	 	
Aluminum	ppm	○ <1	 	
Chromium	ppm	0 🔘	 	
Molybdenum	ppm	0 🔘	 	
Nickel	ppm	0 0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	02	 	
Vanadium	ppm	0	 	

٥ **ADDITIVES** Calcium 0 13 ppm Magnesium 02 ppm Zinc 23 ppm Phosphorus ppm 0 1121 Barium 02 ppm Boron 0 ppm



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

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

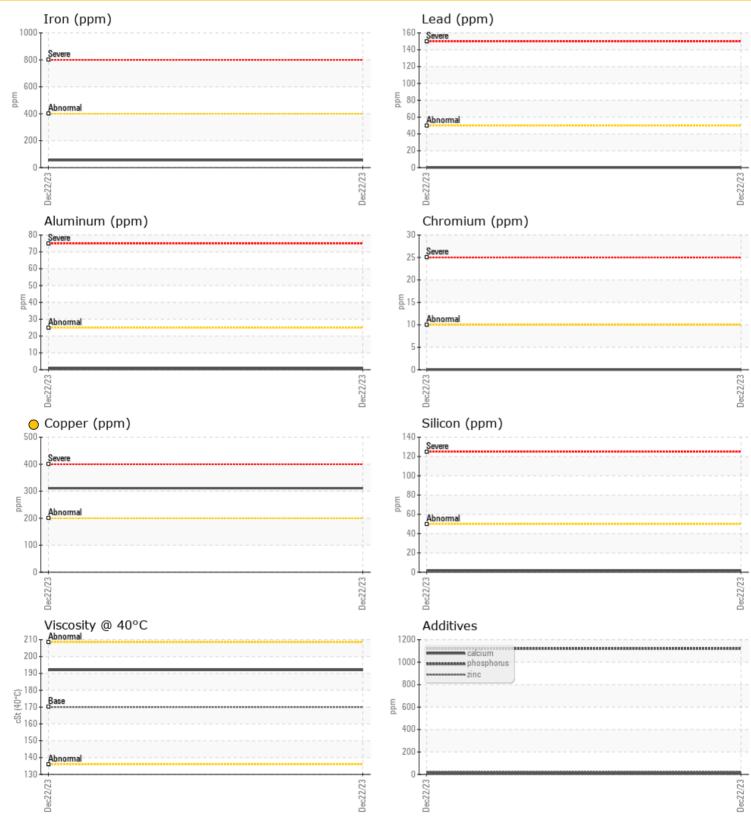
Depot:	LEC0033		
Unique No:	10833609		
Signed:	Don Baldridge		
Report Date:	18 Jan 2024		





GRAPHS

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Contact/Location: TROY MILLER - LEC0033