CONSTRUCTION EQUIPMENT

[[20230519]] LIEBHERR R934C 037803-1006 - Swing Drive

Sample No: LH0224796

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

LH0224796 26 Oct 2023

21570

0

N/A SEVERE

Sample Number		
Sample Date		
Machine Hours		
Oil Hours		
Oil Changed		
Sample Status		

DIL	CO	N	D	0	

Visc @ 40°C

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cSt 🔘 104

Silicon	ppm	01			
Sodium	ppm	○ <1			
Potassium	ppm	0 🔘			

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WEA WEA	R METALS	5		
Iron	ppm	0 173	 	
Copper	ppm	26	 	
Lead	ppm	01	 	
Tin	ppm	○ <1	 	
Aluminum	ppm	○ <1	 	
Chromium	ppm	02	 	
Molybdenum	ppm	0	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0 12	 	
Manganese	ppm	01	 	
Vanadium	ppm	0	 	



ADDITIVES

Calcium	ppm	07	 	
Magnesium	ppm	02	 	
Zinc	ppm	8	 	
Phosphorus	ppm	0 1173	 	
Barium	ppm	○ <1	 	
Boron	ppm	0 277	 	





Gerdau Manitoba Recycling

314 Dawson Rd. Winnipeg, MB CA R2J 0S7 Contact: Service Manager

T: F: (204)482-8241

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.Silver ppm levels are severe. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:	GER314WIN
Unique No:	5669924
Signed:	Kevin Marson
Report Date:	31 Oct 2023

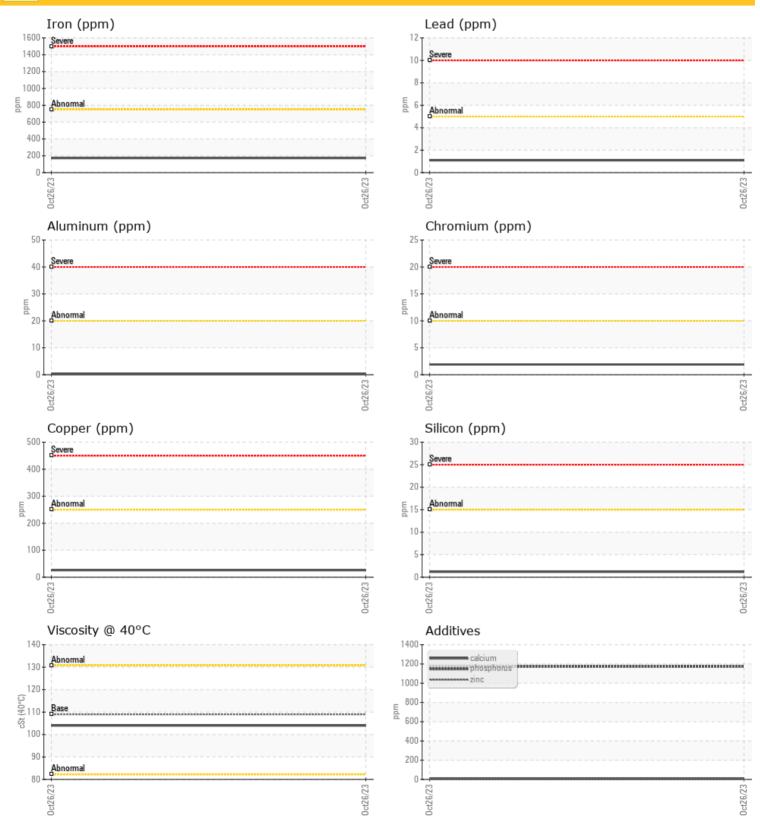
Contact/Location: Service Manager - GER314WIN





GRAPHS

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Report Id: GER314WIN [WCAMIS] 02592845 (Generated: 11/13/2023 10:19:25) Rev: 1

Contact/Location: Service Manager - GER314WIN