

LIEBHERR LH50 086895 - Splitter Box

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS

Sample Information Sample Number LH0243014 LH Sample Date 22 Mar 2024 19 Jan 2023 Machine Hours 25110 22640 **Oil Hours** 0 0 Oil Changed Changed Changed Sample Status ABNORMAL ABNORMAL **Oil Condition** Visc @ 40°C cSt 0 151 0 159 **2**4

Contamination								
Water	%	NEG	NEG					
Silicon	ppm	<u> </u>	0 65					
Sodium	ppm	0 2	03					
Potassium	maa	4	\bigcirc 5					

Ä				
Wea	ar Metals	5		
Iron	ppm	0 41	37	
Copper	ppm	01	0 <1	
Lead	ppm	○ <1	03	
Tin	ppm	0	0	
Aluminum	ppm	0 2	○ <1	
Chromium	ppm	0 🔘	0	
Molybdenum	ppm	0 🔘	0	
Nickel	ppm	0	0	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	01	○ <1	
Vanadium	ppm	0	0	

0 **Additives** Calcium 27 ppm $\bigcirc 7$ 02 Magnesium \bigcirc ppm $\bigcirc 5$ Zinc 55 ppm Phosphorus ppm 0 2065 0 1735 Barium 0 ppm $\bigcirc 0$ Boron 06 ppm 0 41





LIEBHERR CANADA LTD.

10374 267 ST. ACHESON, AB CA T7X 6A2 Contact: Dustin Fluet dustin.fluet@liebherr.com T: (780)962-6088 F: (780)962-6799

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for topup/fill. We recommend an early resample to monitor this condition.All component wear rates are normal. There is a moderate concentration of dirt present in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable due to the presence of contaminants.

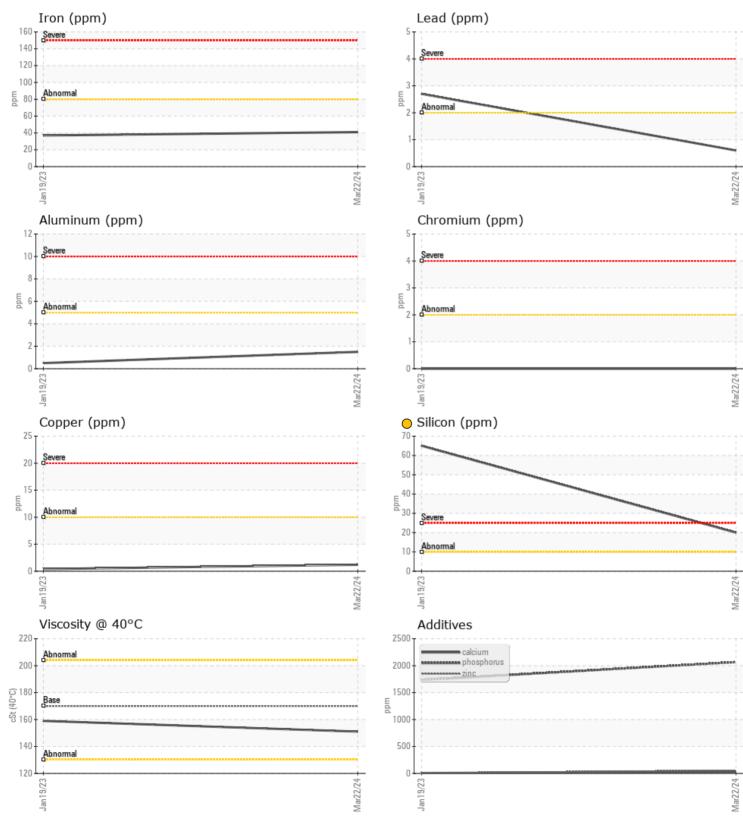






Graphs

0



Report Id: LIESPR [WCAMIS] 02628555 (Generated: 04/12/2024 16:14:14) Rev: 1