LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR L550 054859-1214 - Transmission (Manual)

Sample No: LH

Oil Type: TDH FLUID SAE 75W80

SAMPLE INFORMATION						
Sample Number	LH	LH0168464	LH0168490			
Sample Date	16 Nov 2023	23 Dec 2021	04 Mar 2021			
Machine Hours	1717	0	533			
Oil Hours	0	0	0			
Oil Changed	N/A	N/A	N/A			
Sample Status	NORMAL	NORMAL	NORMAL			
A						



CONTAMINATION						
Water	%	NEG	NEG	NEG		
Silicon	ppm	9	08	9		
Sodium	ppm	15	O 15	16		
Potassium	ppm	2	3	O 2		

(A)					
WEA	R METALS				
Iron	ppm	14	0 8	O 12	
Copper	ppm	4	3	O 2	
Lead	ppm	○ <1	O <1	O <1	
Tin	ppm	0	O 0	O 0	
Aluminum	ppm	1	O 1	O 1	
Chromium	ppm	0	O 0	O <1	
Molybdenum	ppm	0	O <1	O <1	
Nickel	ppm	0	O <1	O 0	
Titanium	ppm	0	0	<1	
Silver	ppm	○ <1	O <1	 <1	
Manganese	ppm	0	O <1	<1	
Vanadium	ppm	0	0	0	

ADDI	TIVES				
Calcium	ppm	○ 3499	○ 3421	3546	
Magnesium	ppm	8	9	9	
Zinc	ppm	1431	O 1427	1478	
Phosphorus	ppm	1164	O 1197	O 1151	
Barium	ppm	() <1	 <1	<1	
Boron	ppm	102	103	100	



EMBELLISSEMENTS ROLI-VERT INC.

5219 BOUL. ST-MARTIN OUEST

LAVAL, QC CA H7T 2X8

Contact: Service Manager

T: F:

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot:EMBLAVUnique No:5682203Signed:Wes DavisReport Date:17 Nov 2023

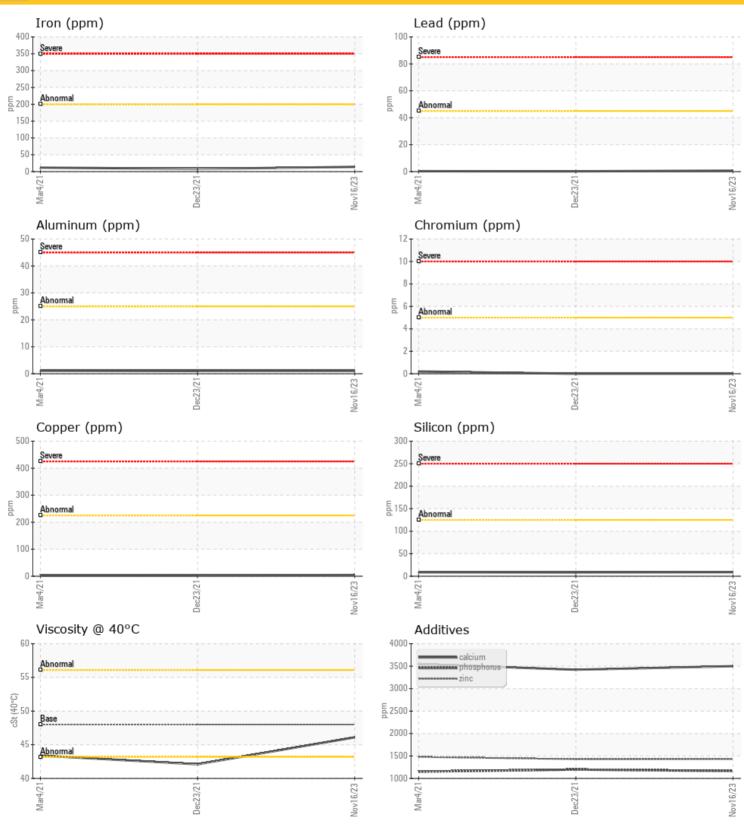
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GRAPHS



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Submitted By: Olivier Galimi