

LIEBHERR L550 054859-1214 - Splitter Box

Sample No: LH

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH	LH0168463	LH0168489	
Sample Date	16 Nov 2023	23 Dec 2021	23 Apr 2021	
Machine Hours	1717	1000	533	
Oil Hours	0	0	0	
Oil Changed	N/A	N/A	N/A	
Sample Status	ABNORMAL	NORMAL	NORMAL	

OIL CO	NDITION				
Visc @ 40°C	cSt	0 192	0 193	0 191	

Water	%	NEG	0.029	NEG	
Silicon	ppm	3	○ 3	03	
Sodium	ppm	8 🔘	0 10	8	
Potassium	ppm	0 4	05	05	

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WEA	R META	LS			
PQ		3	0 18	0 14	
Iron	ppm	<u> </u>	0 116	0 123	
Copper	ppm	○ <1	○ <1	◯ <1	
Lead	ppm	○ <1	○ <1	◯ <1	
Tin	ppm	0 (0	0	
Aluminum	ppm	0 2	0 2	2	
Chromium	ppm	◯ <1	○ <1	0 1	
Molybdenum	ppm	0 4	0 6	07	
Nickel	ppm	<u> </u>	0 12	0 11	
Titanium	ppm	0	0	<1	
Silver	ppm	<1	<1	<1	
Manganese	ppm	07	0 8	8	
Vanadium	ppm	0	0	0	

ADDITIVES Calcium ppm 0 17 24 18 Magnesium 0 12 0 12 0 11 ppm Zinc 080 69 ppm 96 Phosphorus 0 2199 2226 0 2242 ppm Barium ppm 0 16 0 16 20 Boron ppm 02 03 03





EMBELLISSEMENTS ROLI-VERT INC. 5219 BOUL. ST-MARTIN OUEST LAVAL, QC CA H7T 2X8

Contact: Service Manager

T: F:

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.Iron and nickel ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. 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:	EMBLAV
Unique No:	5682251
Signed:	Kevin Marson
Report Date:	20 Nov 2023

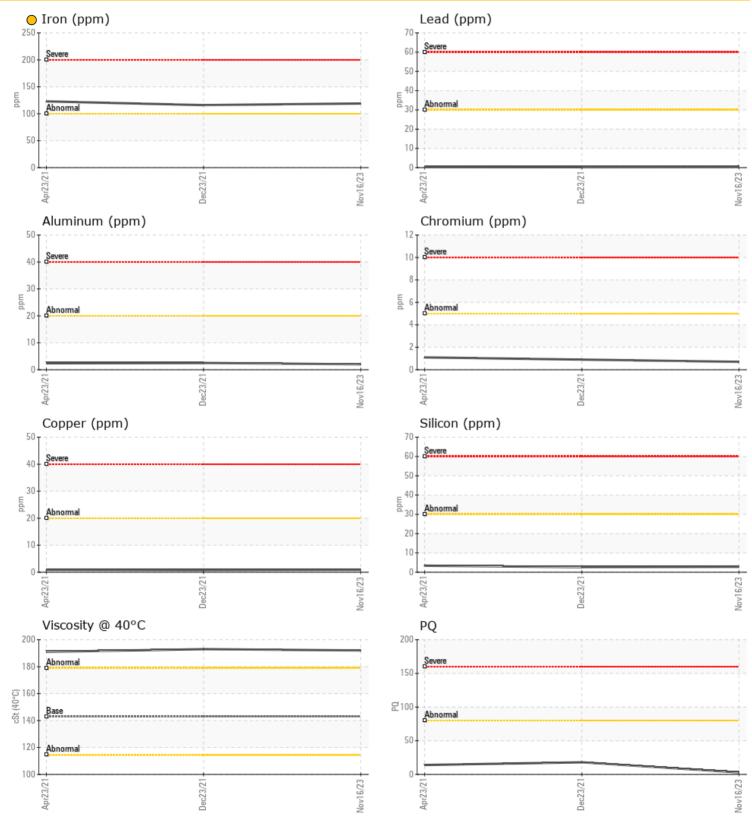
Submitted By: Olivier Galimi





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