

LIEBHERR LH3OM 135986 - Transmission (Manual)

Sample No: LH

Oil Type: **TDTO FLUID SAE 20**

Sample Information

Sample Number	LH	LH0278482	LH0265904	
Sample Date	04 Jul 2024	22 Dec 2023	23 Mar 2023	
Machine Hours	5083	3966	0	
Oil Hours	0	0	0	
Oil Changed	Changed	Changed	Not Changd	
Sample Status	NORMAL	NORMAL	NORMAL	



Conta

Oil C	ondi
1000	~C+

Oil Co	ndition
°C	cSt

	cSt	56.2	◯ 58.9	◯ 59.5
2	mination			

Water	%	NEG	NEG	NEG	
Silicon	ppm	0 2	03	0 4	
Sodium	ppm	8 🔘	0 11	0 18	
Potassium	ppm	○ <1	0	02	

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Wea	<mark>r Metal</mark>	S			
Iron	ppm	0 10	0 14	0 16	
Copper	ppm	12	0 19	24	
Lead	ppm	0 (◯ <1	◯ <1	
Tin	ppm	0	○ <1	0 1	
Aluminum	ppm	01	3	3	
Chromium	ppm	0 ()	0 0	◯ <1	
Molybdenum	ppm	51	43	27	
Nickel	ppm	0 ()	0 0	◯ <1	
Titanium	ppm	0	0	<1	
Silver	ppm	0 ()	0 0	0	
Manganese	ppm	3	6	0 13	
Vanadium	maa	0	0	0	

٥ **Additives**

Calcium	ppm	0 1295	0 1649	2008	
Magnesium	ppm	841	668	418	
Zinc	ppm	0 1193	0 1176	0 1177	
Phosphorus	ppm	O 1116	0 1107	0 1139	
Barium	ppm	○ <1	0	◯ <1	
Boron	ppm	0 38	0 17	29	





Industrial Metals 550 Messier St. Winnipeg, MB CA R2J 0G5 Contact: Service Manager

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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.

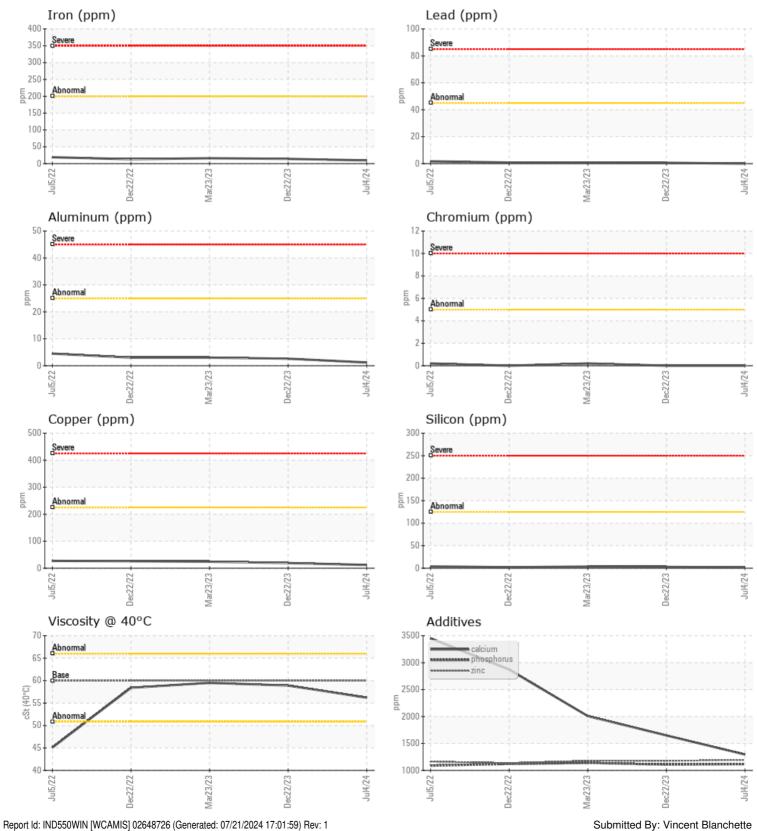
Depot: IND550WIN Unique No: 5814278 Signed: Kevin Marson Report Date: 19 Jul 2024 Submitted By: Vincent Blanchette





Graphs

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Submitted By: Vincent Blanchette