



LIEBHERR L538 21072 - Transmission (Manual)

43.9

Sample No: LH0187308 **Oil Type:** {unknown}

Sample Information

	Sample Number	LH0187308	 	
	Sample Date	21 Jun 2023	 	
	Machine Hours	13845	 	
	Oil Hours	0	 	
	Oil Changed	Changed	 	
	Sample Status	SEVERE	 	

Oil Condition

Visc @ 40°C

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Contamination									
Water	%	NEG							
Silicon	ppm	36							
Sodium	ppm	0 15							
Potassium	ppm	06							

 \odot Wear Metals PQ **542** Iron ppm 0 1670 Copper 04 ppm Lead ppm ○ <1 Tin ppm 0 0 Aluminum ppm 09 Chromium 22 ppm Molybdenum ppm 5 Nickel ppm 2 Titanium 1 ppm Silver 0 ppm Manganese 20 ppm Vanadium ppm 0

0 **Additives** Calcium 154 ppm Magnesium 5 ppm Zinc ppm 112 Phosphorus 874 ppm Barium 4 ppm Boron 37 ppm



CLOUTHIER VENTURES LTD.

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Diagnosis

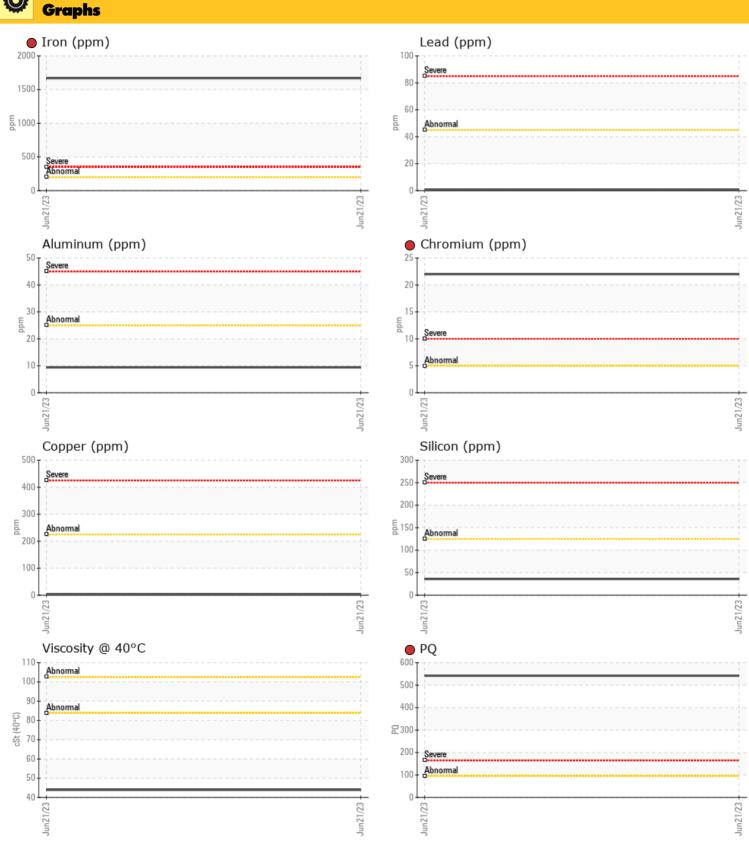
The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.Chromium and iron ppm levels are severe. PQ levels are severe. Gear wear is indicated. The very high ferrous density (PQ) index indicates that severe wear is occurring. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: CLOPEM Unique No: 5604036 Signed: Kevin Marson **Report Date:** 29 Jun 2023 Contact/Location: Travis Bennett - CLOPEM

LEBHERR CONSTRUCTION EQUIPMENT



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Report Id: CLOPEM [WCAMIS] 02566990 (Generated: 06/13/2024 07:06:02) Rev: 1

Contact/Location: Travis Bennett - CLOPEM