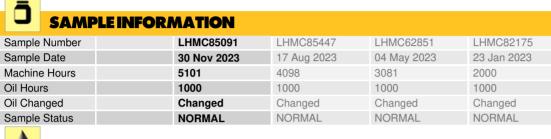
CONSTRUCTION EQUIPMENT

LIEBHERR LH50 1216-139058 - Transmission

Sample No: LHMC85091 Oil Type: **MOBIL 15W40**



oumpic otatas				HOHIMAL	TAOT HAD VE	TAOT TIVIT IL	TAOT HALL
	0	OIL CO	NDITION				
	Visc @	40°C	cSt	66.1	66.1	61.6	56.2

CONTAMINATION						
Water	%	NEG	NEG	NEG	NEG	
Silicon	ppm	6	6	08	4	
Sodium	ppm	5	O 11	O 12	20	
Potassium	ppm	0	O 0	1	0	

		WEAR METALS						
Iron pp	om	23	28	30	O 25			
Copper pp	om	33	41	43	58			
Lead pp	om	0	O 0	0	1			
Tin pp	om	3	4	3	02			
Aluminum pp	om	5	4	3	02			
Chromium pp	om	0	0	O <1	O <1			
Molybdenum pp	om	38	○ 36	28	O 22			
Nickel pp	om	0	0	0	O <1			
Titanium pp	om	0	0	0	0			
Silver pp	om	0	0	0	0			
Manganese pp	om	8	1 3	18	10			
Vanadium pp	om	0	<1	0	0			

Vanadium	ppm	0	<1	0	0
ADDI					
20011112					
Calcium	ppm	1768	1924	2028	2359
Magnesium	ppm	492	451	403	295
Zinc	ppm	924	916	968	951
Phosphorus	ppm	805	803	841	853
Barium	ppm	0	0	O 0	O 0
Boron	ppm	73	O 76	O 64	○ 56



PACKAGING CORP. OF AMERICA N9090 COUNTY RD E

TOMAHAWK, WI

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Contact: ROSS RICHARD rossrichards@packagingcorp.com

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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 oil. The condition of the oil is suitable for further service.

Depot: **PACTOM Unique No:** 10781648 Signed: Sean Felton **Report Date:** 14 Dec 2023

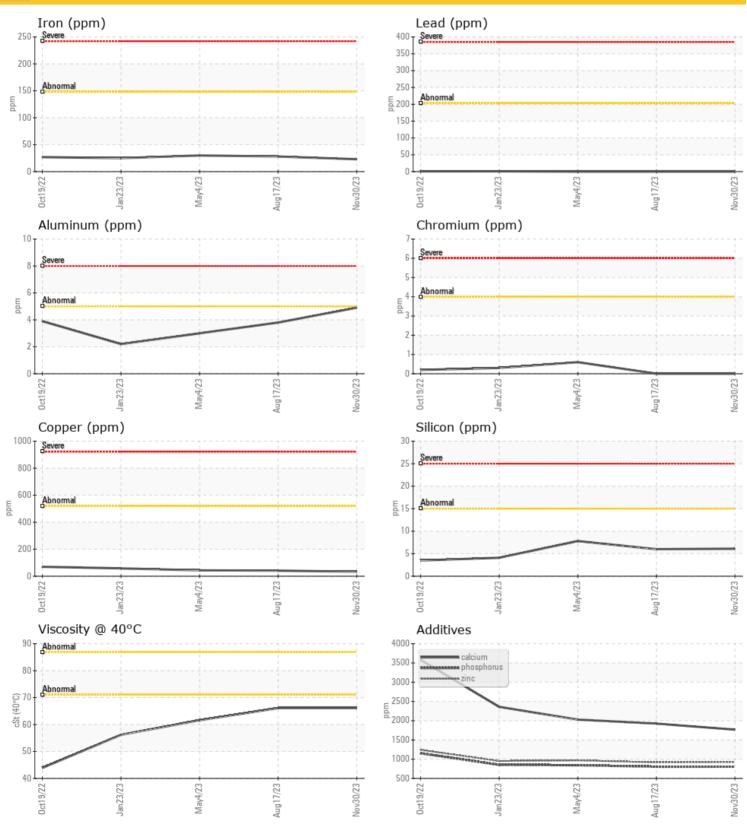
LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS



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Submitted By: ?