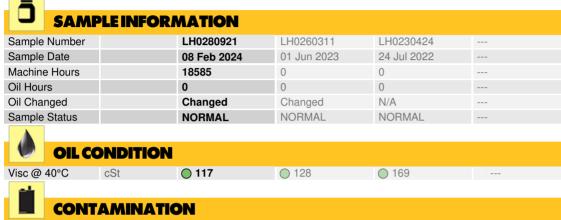
LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH50 100676 - Front Left Planetary

Sample No: LH0280921

Oil Type: GEAR OIL SAE 75W90



CONTAMINATION								
Water	%	NEG	NEG	NEG				
Silicon	ppm	16	18	24				
Sodium	ppm	5	O 7	10				
Potassium	ppm	2	O 2	O 2				

WEAR METALS							
Iron	ppm	290	○ 280	○ 328			
Copper	ppm	57	6 0	40			
Lead	ppm	2	O 2	3			
Tin	ppm	0	O <1	O 0			
Aluminum	ppm	6	6	9			
Chromium	ppm	2	O 2	O 2			
Molybdenum	ppm	0	0	O 0			
Nickel	ppm	1	O <1	<1			
Titanium	ppm	0	<1	1			
Silver	ppm	<1	0	0			
Manganese	ppm	5	6	7			
Vanadium	ppm	0	<1	<1			

variaululli	ppiii	U	< 1	< 1				
ADDITIVES								
Calcium	ppm	49	O 61	O 87				
Magnesium	ppm	7	9	O 14				
Zinc	ppm	35	○ 32	○ 39				
Phosphorus	ppm	1583	O 1915	O 2295				
Barium	ppm	0	O 0	O <1				
Boron	ppm	102	○ 35	O 1				



R J MACISAAC CONSTRUCTION LTD

70 WEST ST, SUITE #1 ANTIGONISH, NS CA B2G 2X7 Contact: Service Manager

INFO@RJMACISAAC.CA T: (902)863-6950

F: (902)863-6950

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 acceptable for the time in service.

Depot: RJMANT
Unique No: 5723844
Signed: Wes Davis
Report Date: 12 Feb 2024





GRAPHS

