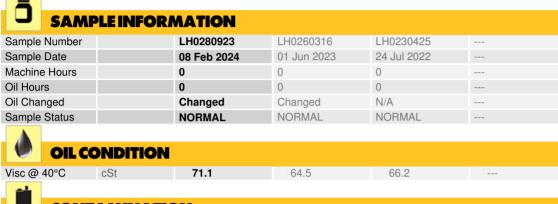
LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH50 100676 - Transmission

Sample No: LH0280923
Oil Type: SAE 15W40



CONTAMINATION								
Water	%	NEG	NEG	NEG				
Silicon	ppm	5		5				
Sodium	ppm	2	O 2	3				
Potassium	ppm	1	O 0	O 2				

WEAR METALS							
Iron	ppm	24	O 20	16			
Copper	ppm	5	6	5			
Lead	ppm	<1	O 0	O <1			
Tin	ppm	 <1	O <1	O <1			
Aluminum	ppm	2	O 2	O 2			
Chromium	ppm	 <1	O 0	O 0			
Molybdenum	ppm	47	○ 37	8			
Nickel	ppm	 <1	O 0	O <1			
Titanium	ppm	0	O <1	<1			
Silver	ppm	0	0	0			
Manganese	ppm	2	3	2			
Vanadium	ppm	0	0	<1			

Vanadium	ppm	0	0	<1			
ADDITIVES							
Calcium	ppm	1280	O 1500	1700			
Magnesium		899	0 855	630			
-	ppm	_					
Zinc	ppm	O 1105	0 1052	819			
Phosphorus	ppm	1046	O 1095	860			
Barium	ppm	0	0	0			
Boron	ppm	52	○ 80	161			



R J MACISAAC CONSTRUCTION LTD

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

Contact: Service Manager INFO@RJMACISAAC.CA

T: (902)863-6950 F: (902)863-0113

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. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: RJMANT
Unique No: 5723788
Signed: Kevin Marson
Report Date: 12 Feb 2024

LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS

