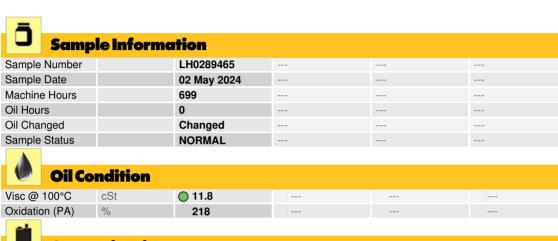
LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH50 146311 - Diesel Engine

Sample No: LH0289465

Oil Type: DIESEL ENGINE OIL SAE 10W30



Contamination									
Water	%	NEG							
Soot %	%	0							
Nitration (PA)	%	103							
Sulfation (PA)	%	114							
Glycol	%	NEG							
Fuel	%	0.2							
Silicon	ppm	9							
Sodium	ppm	2							
Potassium	ppm	3							

Wea	r Metal:	5		
Iron	ppm	17	 	
Copper	ppm	325	 	
Lead	ppm	11	 	
Tin	ppm	1	 	
Aluminum	ppm	5	 	
Chromium	ppm	2	 	
Molybdenum	ppm	47	 	
Nickel	ppm	0	 	
Titanium	ppm	() <1	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	

Addi	itives			
Calcium	ppm	1369	 	
Magnesium	ppm	965	 	
Zinc	ppm	876	 	
Phosphorus	ppm	702	 	
Barium	ppm	46	 	
Boron	ppm	81	 	





LIEBHERR CANADA LTD.

1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8

Contact: Joseph Rodgers joseph.rodgers@liebherr.com

T:

F: (905)319-6622

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:LIEMISUnique No:5774246Signed:Kevin MarsonReport Date:06 May 2024

LIEBHERR







Graphs

