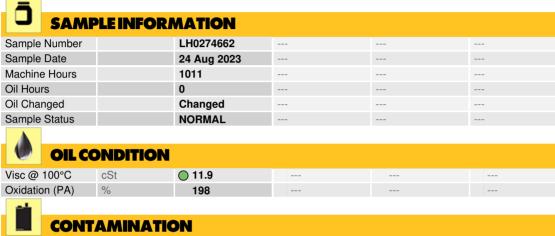
LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR L586 73617 - Diesel Engine

Sample No: LH0274662
Oil Type: NOT GIVEN



CONTAMINATION								
Soot %	%	0 0						
Nitration (PA)	%	93			***			
Sulfation (PA)	%	111						
Glycol	%	NEG						
Fuel	%	1.7						
Silicon	ppm	10						
Sodium	ppm	6						
Potassium	ppm	2						

(0)				
WEA	R METALS			
Iron	ppm	O 11	 	
Copper	ppm	179	 	
Lead	ppm	8	 	
Tin	ppm	1	 	
Aluminum	ppm	3	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	45	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	

ADDITIVES							
Calcium	ppm	1304					
Magnesium	ppm	917					
Zinc	ppm	868					
Phosphorus	ppm	747					
Barium	ppm	26					
Boron	ppm	63					





LIEBHERR CANADA LTD.

1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8

Contact: Joseph Rodgers joseph.rodgers@liebherr.com

T: (905)319-9222 F: (905)319-6622

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS
Unique No: 5631489
Signed: Kevin Marson
Report Date: 28 Aug 2023

LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS

