

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 73617 - Diesel Engine

Sample No: LH0274662

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0274662	---	---	---
Sample Date	24 Aug 2023	---	---	---
Machine Hours	1011	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE

BURLINGTON, ON

CA L7L 5Z8

Contact: Joseph Rodgers

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OIL CONDITION

Visc @ 100°C	cSt	11.9	---	---	---
Oxidation (PA)	%	198	---	---	---



CONTAMINATION

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



WEAR METALS

Iron	ppm	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	---	---	---

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



GRAPHS

