

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH24 118103 - Diesel Engine

Sample No: LH0260600

Oil Type: DIESEL ENGINE OIL SAE 30



SAMPLE INFORMATION

Sample Number	LH0260600	---	---	---
Sample Date	21 Sep 2023	---	---	---
Machine Hours	6339	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

ABC RECYCLING

9631 - 78 Street

Fort St.John, BC

CA V1J 4J8

Contact: MAINTENANCE



OIL CONDITION

Visc @ 100°C	cSt	11.1	---	---	---
Oxidation (PA)	%	86	---	---	---

T: (250)785-7900

F: (250)483-6463



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	62	---	---	---
Sulfation (PA)	%	65	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.5	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	0	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm. All component wear rates are normal. 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.



WEAR METALS

Iron	ppm	13	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	39	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1756	---	---	---
Magnesium	ppm	540	---	---	---
Zinc	ppm	1121	---	---	---
Phosphorus	ppm	930	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	37	---	---	---

Depot: ABCFOR

Unique No: 5656113

Signed: Wes Davis

Report Date: 06 Oct 2023



GRAPHS

