

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 048507-1334 - Diesel Engine

Sample No: LH

Oil Type: DIESEL ENGINE OIL SAE 40



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	20 Dec 2023	---	---	---
Machine Hours	24016	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

AGREGAT RN
 100 AVE MARCEL BARIL
 ROUYN-NORANDA, QC
 CA J9X 7B8
 Contact: Marcel Coulombe



OIL CONDITION

Visc @ 100°C	cSt	13.1	---	---	---
Oxidation (PA)	%	56	---	---	---

T: (819)764-2473
 F:



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	49	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

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 40. Please confirm.
 All component wear rates are normal. 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	3	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	55	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1003	---	---	---
Magnesium	ppm	898	---	---	---
Zinc	ppm	1114	---	---	---
Phosphorus	ppm	959	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

Depot: AGRROU
Unique No: 5697994
Signed: Wes Davis
Report Date: 22 Dec 2023



GRAPHS

