

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 044337-1334 - Diesel Engine

Sample No: LH
Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	16 Jun 2023	---	---	---
Machine Hours	9652	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

LIEBHERR CANADA LTEE
4250 AUTOROUTE CHOMEDEY 13
LAVAL, QC
CA H7R 6E9
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OIL CONDITION

Visc @ 100°C	cSt	11.7	---	---	---
Oxidation (PA)	%	76	---	---	---



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	81	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	2.2	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	0	---	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Légère dilution de carburant dans l'huile. Il y a du carburant dans l'huile, ce qui réduit la viscosité. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	4	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	59	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	827	---	---	---
Magnesium	ppm	1113	---	---	---
Zinc	ppm	1181	---	---	---
Phosphorus	ppm	1050	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	23	---	---	---

Depot: LIESTL
Unique No: 5604250
Signed: Wes Davis
Report Date: 30 Jun 2023



GRAPHS

