

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 144376-1216 - Diesel Engine

Sample No: LH
Oil Type: SAE 5W40



Services Forestiers RGT Inc.
1053 Boul. Ducharme
La Tuque, QC
CA G9X 3C3
Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH	LH0248804	LH0248816	---
Sample Date	01 Aug 2023	13 Apr 2023	28 Feb 2023	---
Machine Hours	2000	1000	533	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 100°C	cSt	13.4	13.0	11.9	---
Oxidation (PA)	%	65	88	210	---



CONTAMINATION

Soot %	%	0	0	0	---
Nitration (PA)	%	62	70	100	---
Sulfation (PA)	%	58	64	117	---
Glycol	%	NEG	0.0	NEG	---
Fuel	%	<1.0	<1.0	0.7	---
Silicon	ppm	8	7	8	---
Sodium	ppm	2	2	2	---
Potassium	ppm	1	0	3	---



WEAR METALS

Iron	ppm	3	4	8	---
Copper	ppm	11	239	239	---
Lead	ppm	<1	6	8	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	2	3	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	58	57	45	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1803	1855	1440	---
Magnesium	ppm	382	459	946	---
Zinc	ppm	1236	1181	871	---
Phosphorus	ppm	1088	1046	785	---
Barium	ppm	<1	4	23	---
Boron	ppm	74	72	110	---

T:
F:

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. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: SERLAT
Unique No: 5620618
Signed: Kevin Marson
Report Date: 14 Aug 2023



GRAPHS

