

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145793-1216 - Splitter Box

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH	LH	LH0259744	---
Sample Date	21 Sep 2023	02 Aug 2023	17 May 2023	---
Machine Hours	3500	2500	1020	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

PF Resolu Canada Inc.
 5850 avenue des jardins
 La Dore, QC
 CA G8J 1B4
 Contact: Dominic Caron



OIL CONDITION

Visc @ 40°C	cSt	178	178	187	---
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T:
F:



CONTAMINATION

Silicon	ppm	2	2	1	---
Sodium	ppm	2	2	6	---
Potassium	ppm	<1	1	<1	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. 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. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	12	20	20	---
Copper	ppm	1	2	<1	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	25	15	8	---
Magnesium	ppm	<1	7	1	---
Zinc	ppm	28	25	13	---
Phosphorus	ppm	2306	2257	2235	---
Barium	ppm	<1	0	0	---
Boron	ppm	3	1	3	---

Depot: ABILAD
 Unique No: 5646116
 Signed: Wes Davis
 Report Date: 26 Sep 2023



GRAPHS

