

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 142911-1216 - Rear Right Wheel Hub

Sample No: LH0246038

Oil Type: MOBIL MOBILUBE HD 80W90



Scierie Landrienne

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Landrienne, QC
CA J0Y 1V0
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SAMPLE INFORMATION

Sample Number	LH0246038	LH0246002	---	---
Sample Date	03 Nov 2023	14 Apr 2023	---	---
Machine Hours	4990	2050	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	143	145	---	---
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CONTAMINATION

Silicon	ppm	17	21	---	---
Sodium	ppm	4	2	---	---
Potassium	ppm	1	1	---	---



WEAR METALS

Iron	ppm	134	84	---	---
Copper	ppm	34	36	---	---
Lead	ppm	1	1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	3	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	62	217	---	---
Magnesium	ppm	2	1	---	---
Zinc	ppm	46	92	---	---
Phosphorus	ppm	1789	1685	---	---
Barium	ppm	<1	2	---	---
Boron	ppm	76	8	---	---

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.

Depot: SCILAN
Unique No: 5681986
Signed: Kevin Marson
Report Date: 16 Nov 2023



GRAPHS

