

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 142911-1216 - Rear Differential

Sample No: LH0246029

Oil Type: MOBIL MOBILUBE HD 80W90



Scierie Landrienne

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SAMPLE INFORMATION

Sample Number	LH0246029	LH0246005	---	---
Sample Date	03 Nov 2023	09 Jun 2023	---	---
Machine Hours	4990	3030	---	---
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	● 17	---	---
Sodium	ppm	● 4	● 2	---	---
Potassium	ppm	● <1	● <1	---	---



WEAR METALS

Iron	ppm	● 127	● 98	---	---
Copper	ppm	● 32	● 51	---	---
Lead	ppm	● 1	● 2	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 3	● 2	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	● 0	● 2	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● 2	● 3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 63	86	---	---
Magnesium	ppm	● 2	● 1	---	---
Zinc	ppm	● 43	● 46	---	---
Phosphorus	ppm	1822	1761	---	---
Barium	ppm	● <1	● <1	---	---
Boron	ppm	73	48	---	---

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: 5681990
Signed: Kevin Marson
Report Date: 16 Nov 2023



GRAPHS

