

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 146092-1253 - Splitter Box

Sample No: LH0257240

Oil Type: LIEBHERR GEAR BASIC 90 LS



9341-2906 QUEBEC INC. - Forestiers JRM Inc  
491 ROUTE 381  
Ferland-et-Boilleau, QC  
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#### SAMPLE INFORMATION

Sample Number	LH0257240	LH0257228	---	---
Sample Date	27 Nov 2023	24 Jul 2023	---	---
Machine Hours	2100	950	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 180	● 150	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 1	● 3	---	---
Sodium	ppm	● 3	● 8	---	---
Potassium	ppm	● <1	● 2	---	---



#### WEAR METALS

Iron	ppm	● 35	● 29	---	---
Copper	ppm	● 2	● 6	---	---
Lead	ppm	● <1	● <1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● 0	● <1	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● 2	● 2	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	30	832	---	---
Magnesium	ppm	● 2	● 4	---	---
Zinc	ppm	29	353	---	---
Phosphorus	ppm	1505	1569	---	---
Barium	ppm	● <1	● <1	---	---
Boron	ppm	● 2	● 24	---	---

#### 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: FOR491FER  
Unique No: 5695448  
Signed: Wes Davis  
Report Date: 11 Dec 2023



### GRAPHS

