

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 146092-1253 - Front Differential

Sample No: LH0257236

Oil Type: LIEBHERR GEAR BASIC 90 LS



9341-2906 QUEBEC INC. - Forestiers JRM Inc  
491 ROUTE 381  
Ferland-et-Boilleau, QC  
CA G0V 1H0  
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#### SAMPLE INFORMATION

Sample Number	LH0257236	LH0257224	---	---
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	67.5	85.4	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	11	---	---
Sodium	ppm	16	17	---	---
Potassium	ppm	<1	1	---	---



#### WEAR METALS

Iron	ppm	22	13	---	---
Copper	ppm	6	2	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	4	5	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	3338	3602	---	---
Magnesium	ppm	11	12	---	---
Zinc	ppm	1329	1428	---	---
Phosphorus	ppm	1233	1246	---	---
Barium	ppm	1	<1	---	---
Boron	ppm	94	106	---	---

#### 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: 5695443  
Signed: Wes Davis  
Report Date: 11 Dec 2023



### GRAPHS

