

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 146092-1253 - Front Differential

Sample No: LH0257224

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	LH0257224	---	---	---
Sample Date	24 Jul 2023	---	---	---
Machine Hours	950	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	85.4	---	---	---
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CONTAMINATION

Silicon	ppm	11	---	---	---
Sodium	ppm	17	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	3602	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	1428	---	---	---
Phosphorus	ppm	1246	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	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. La viscosité de l'échantillon se situe dans la portée de l'SAE 80; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Depot: FOR491FER
Unique No: 5617789
Signed: Kevin Marson
Report Date: 28 Jul 2023



GRAPHS

