

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 146092-1253 - Rear Differential

Sample No: LH0257237

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	LH0257237	LH0257225	---	---
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	70.3	60.4	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	7	7	---	---
Sodium	ppm	16	26	---	---
Potassium	ppm	<1	1	---	---



WEAR METALS

Iron	ppm	20	20	---	---
Copper	ppm	8	18	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
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	3	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3182	3410	---	---
Magnesium	ppm	10	10	---	---
Zinc	ppm	1262	1344	---	---
Phosphorus	ppm	1253	1225	---	---
Barium	ppm	1	1	---	---
Boron	ppm	89	87	---	---

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: 5695445
Signed: Wes Davis
Report Date: 11 Dec 2023



GRAPHS

