

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 146092-1253 - Front Left Wheel Hub

Sample No: LH0257243

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	LH0257243	LH0257231	---	---
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	93.2	67.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 4	● 7	---	---
Sodium	ppm	● 13	● 22	---	---
Potassium	ppm	● <1	● <1	---	---



WEAR METALS

Iron	ppm	● 52	● 38	---	---
Copper	ppm	● 14	● 41	---	---
Lead	ppm	● <1	● 1	---	---
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	● 1	● 1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1949	3491	---	---
Magnesium	ppm	● 6	● 10	---	---
Zinc	ppm	803	1389	---	---
Phosphorus	ppm	1563	1221	---	---
Barium	ppm	● 1	● <1	---	---
Boron	ppm	● 74	100	---	---

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. La viscosité de l'échantillon se situe dans la portée de l'SAE 40; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'huile est acceptable pour la durée de service.

Depot: FOR491FER
Unique No: 5695446
Signed: Kevin Marson
Report Date: 11 Dec 2023



GRAPHS

