

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 146092-1253 - Swing Drive

Sample No: LH0257229

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	LH0257229	---	---	---
Sample Date	24 Jul 2023	---	---	---
Machine Hours	950	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 178	---	---	---
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CONTAMINATION

Silicon	ppm	● 9	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 2	---	---	---



WEAR METALS

Iron	ppm	● 279	---	---	---
Copper	ppm	● 76	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● 7	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 3	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 4	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 42	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 41	---	---	---
Phosphorus	ppm	● 2224	---	---	---
Barium	ppm	● 7	---	---	---
Boron	ppm	● 11	---	---	---

Diagnosis

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. L'état de l'huile est acceptable pour la durée de service.

Depot: FOR491FER
Unique No: 5617791
Signed: Kevin Marson
Report Date: 28 Jul 2023



GRAPHS

