

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R934 054794-1550 - Swing Drive

Sample No: LH0250765

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0250765	LH0250899	---	---
Sample Date	12 Sep 2023	30 Jan 2023	---	---
Machine Hours	925	500	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

METAL EXPRESS (9055-2480 QUEBEC INC)
254 RUE RICHARD-AUDET
ROXTON FALLS, QC
CA J0H 1E0
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 181	● 203	---	---
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T: (450)522-5650
F:



CONTAMINATION

Silicon	ppm	● 2	● 2	---	---
Sodium	ppm	● 2	● 4	---	---
Potassium	ppm	● 0	● 1	---	---

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.



WEAR METALS

Iron	ppm	● 232	● 493	---	---
Copper	ppm	● <1	● <1	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● 2	● 8	---	---
Molybdenum	ppm	● <1	● 0	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 3	● 6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 4	● 6	---	---
Magnesium	ppm	● 4	● 0	---	---
Zinc	ppm	● 9	● 10	---	---
Phosphorus	ppm	● 2286	● 1663	---	---
Barium	ppm	● 1	● 4	---	---
Boron	ppm	● <1	● 2	---	---

Depot: METROX
Unique No: 5643657
Signed: Wes Davis
Report Date: 14 Sep 2023



GRAPHS

