

LIEBHERR

CONSTRUCTION EQUIPMENT



[(363347)] LIEBHERR R934 054150-1550 - Swing Drive

Sample No: LH0218925

Oil Type: GEAR OIL SAE 80W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0218925	---	---	---
Date d'échant.	13 Jul 2023	---	---	---
Heures de la Machine	1040	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	N/A	---	---	---
Statut de l'échant.	ABNORMAL	---	---	---

KARSON SAND & GRAVEL INC
 3733 CARP ROAD
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 richard.simardksg@gmail.com
 T: (613)407-0460
 F:



ÉTAT D'HUILE

Visc 40°C	cSt	● 200	---	---	---
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CONTAMINATION

Silicium	ppm	● 3	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 1	---	---	---



MÉTAUX D'USURE

PQ		● 0	---	---	---
Fer	ppm	● 904	---	---	---
Cuivre	ppm	● 1	---	---	---
Plomb	ppm	● <1	---	---	---
Étain	ppm	● 0	---	---	---
Aluminium	ppm	● <1	---	---	---
Chrome	ppm	● 14	---	---	---
Molybdène	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titane	ppm	● <1	---	---	---
Argent	ppm	● 0	---	---	---
Manganèse	ppm	● 9	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIFS

Calcium	ppm	● 47	---	---	---
Magnésium	ppm	● 1	---	---	---
Zinc	ppm	● 20	---	---	---
Phosphore	ppm	● 1591	---	---	---
Baryum	ppm	● 8	---	---	---
Bore	ppm	● 2	---	---	---

Diagnostic

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm. Chromium and iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: KAR373CAR
Unique No: 5631235
Signed: Kevin Marson
Report Date: 25 Aug 2023



GRAPHS

