

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0218932

Oil Type: CASTROL SYNTEC FULL SYNTHETIC 75W90



Information sur l'échantillon

Numéro d'échant.	LH0218932	LH0218925	---	---
Date d'échant.	09 Apr 2024	13 Jul 2023	---	---
Heures de la Machine	1485	1040	---	---
Heures de l'huile	0	0	---	---
Huile changée	N/A	N/A	---	---
Statut de l'échant.	NORMAL	ABNORMAL	---	---

KARSON SAND & GRAVEL INC
 3733 CARP ROAD
 CARP, ON
 CA K0A 1L0
 Contact: Richard Simard
 richard.simardksg@gmail.com
 T: (613)407-0460
 F:



État d'huile

Visc 40°C	cSt	180	● 200	---	---
-----------	-----	-----	-------	-----	-----



Contamination

Eau	%	NEG	NEG	---	---
Silicium	ppm	● 1	● 3	---	---
Sodium	ppm	● 2	● 3	---	---
Potassium	ppm	● <1	● 1	---	---



Métaux d'usure

PQ		---	● 0	---	---
Fer	ppm	● 701	● 904	---	---
Cuivre	ppm	● <1	● 1	---	---
Plomb	ppm	● 0	● <1	---	---
Étain	ppm	● 0	● 0	---	---
Aluminium	ppm	● <1	● <1	---	---
Chrome	ppm	● 11	● 14	---	---
Molybdène	ppm	● 0	● <1	---	---
Nickel	ppm	● 0	● <1	---	---
Titane	ppm	<1	<1	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	● 7	● 9	---	---
Vanadium	ppm	0	0	---	---



Additifs

Calcium	ppm	● 11	● 47	---	---
Magnésium	ppm	● <1	● 1	---	---
Zinc	ppm	● 4	● 20	---	---
Phosphore	ppm	796	● 1591	---	---
Baryum	ppm	● 1	● 8	---	---
Bore	ppm	2	● 2	---	---

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: KAR373CAR
 Unique No: 5776170
 Signed: Kevin Marson
 Report Date: 13 May 2024



Graphs

