

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353691)] LIEBHERR R945 052997-1866 - Swing Drive

Sample No: LH0284411

Oil Type: GEAR OIL SAE 80W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284411	---	---	---
Date d'échant.	14 Feb 2024	---	---	---
Heures de la Machine	1167	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Changed	---	---	---
Statut de l'échant.	ABNORMAL	---	---	---

EXCAVATION RAYMOND BOUCHARD INC.
222 DE L'INDUSTRIE
ST-LIN DES LAURENTIDES, QC
CA J5M 0A3
Contact: SERVICE MANAGER



ÉTAT D'HUILE

Visc 40°C	cSt	● 194	---	---	---
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T:
F:



CONTAMINATION

Eau	%	● 0.506	---	---	---
Silicium	ppm	● <1	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 2	---	---	---

Diagnostic

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. 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. All component wear rates are normal. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.



MÉTAUX D'USURE

Fer	ppm	● 433	---	---	---
Cuivre	ppm	● <1	---	---	---
Plomb	ppm	● <1	---	---	---
Étain	ppm	● 0	---	---	---
Aluminium	ppm	● <1	---	---	---
Chrome	ppm	● 7	---	---	---
Molybdène	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titane	ppm	● 0	---	---	---
Argent	ppm	● 0	---	---	---
Manganèse	ppm	● 5	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIFS

Calcium	ppm	● 43	---	---	---
Magnésium	ppm	● <1	---	---	---
Zinc	ppm	● 22	---	---	---
Phosphore	ppm	● 1439	---	---	---
Baryum	ppm	● 12	---	---	---
Bore	ppm	● 2	---	---	---

Depot: EXC222STL
Unique No: 5733892
Signed: Kevin Marson
Report Date: 21 Feb 2024



GRAPHS

