

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R924CHDSL 033185-1066 - Swing Drive

Sample No: LH0278403

Oil Type: GEAR OIL SAE 75W90



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278403	LH0068787	---	---
Date d'échant.	18 Mar 2024	23 Jan 2014	---	---
Heures de la Machine	12645	542	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	SEVERE	ABNORMAL	---	---

**Terramac Contracting Ltd.**  
 10 Eveleigh Dr.  
 North Sydney, NS  
 CA B1V 3K6  
 Contact: Vernon Mackillop



#### ÉTAT D'HUILE

Visc 40°C	cSt	82.1	163	---	---
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T: (902)565-6668  
 F:



#### CONTAMINATION

Eau	%	NEG	NEG	---	---
Silicium	ppm	7	28	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	2	2	---	---

#### Diagnostic

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 75W90. Please confirm. Copper, iron and lead ppm levels are severe. Tin and chromium ppm levels are abnormal. Bearing and/or bushing wear is indicated. 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.



#### MÉTAUX D'USURE

PQ		12	---	---	---
Fer	ppm	1701	465	---	---
Cuivre	ppm	561	85	---	---
Plomb	ppm	14	6	---	---
Étain	ppm	9	1	---	---
Aluminium	ppm	2	<1	---	---
Chrome	ppm	13	3	---	---
Molybdène	ppm	0	0	---	---
Nickel	ppm	3	<1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	15	11	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIFS

Calcium	ppm	59	73	---	---
Magnésium	ppm	1	5	---	---
Zinc	ppm	85	29	---	---
Phosphore	ppm	1158	2469	---	---
Baryum	ppm	1	23	---	---
Bore	ppm	83	4	---	---

Depot: TERSYD  
 Unique No: 5748241  
 Signed: Kevin Marson  
 Report Date: 19 Mar 2024



### GRAPHS

