

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(345484)] LIEBHERR R914 050032-1511 - Diesel Engine

Sample No: LH0279201

Oil Type: SAE 5W30



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0279201	---	---	---
Date d'échant.	19 Mar 2024	---	---	---
Heures de la Machine	1426	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	N/A	---	---	---
Statut de l'échant.	ABNORMAL	---	---	---



#### ÉTAT D'HUILE

Visc 100°C	cSt	11.9	---	---	---
Oxydation (PA)	%	75	---	---	---



#### CONTAMINATION

Eau	%	NEG	---	---	---
% de suie	%	0.1	---	---	---
Nitration (PA)	%	87	---	---	---
Sulfatation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Essence	%	<1.0	---	---	---
Silicium	ppm	8	---	---	---
Sodium	ppm	7	---	---	---
Potassium	ppm	2	---	---	---



#### MÉTAUX D'USURE

Fer	ppm	42	---	---	---
Cuivre	ppm	9	---	---	---
Plomb	ppm	0	---	---	---
Étain	ppm	0	---	---	---
Aluminium	ppm	7	---	---	---
Chrome	ppm	5	---	---	---
Molybdène	ppm	52	---	---	---
Nickel	ppm	<1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIFS

Calcium	ppm	997	---	---	---
Magnésium	ppm	1021	---	---	---
Zinc	ppm	1152	---	---	---
Phosphore	ppm	893	---	---	---
Baryum	ppm	0	---	---	---
Bore	ppm	14	---	---	---



**ROLAND MUNGER**  
2665 AVENUE DU LABRADOR  
BAIE COMEAU, QC  
CA G4Z 3B9  
Contact: Roland Munger

T: (661)015-6791  
F:

#### 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. Chromium ppm levels are abnormal. Ring wear is indicated. 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: ROLBAI  
Unique No: 5748429  
Signed: Kevin Marson  
Report Date: 20 Mar 2024



### GRAPHS

