

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R920 055832-1705 - Diesel Engine

Sample No: LH0270796

Oil Type: DIESEL ENGINE OIL SAE 15W40



**1000304802 ONTARIO INC**  
100 MACINTOSH BLVD  
VAUGHAN, ON  
CA L4K 4P3  
Contact: Service Manager

T:  
F:



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270796	---	---	---
Date d'échant.	14 Jul 2023	---	---	---
Heures de la Machine	10076	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Changed	---	---	---
Statut de l'échant.	SEVERE	---	---	---



#### ÉTAT D'HUILE

Visc 100°C	cSt	11.8	---	---	---
Oxydation (PA)	%	61	---	---	---



#### CONTAMINATION

% de suie	%	0.2	---	---	---
Nitration (PA)	%	65	---	---	---
Sulfatation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Essence	%	1	---	---	---
Silicium	ppm	4	---	---	---
Sodium	ppm	8	---	---	---
Potassium	ppm	<1	---	---	---



#### MÉTAUX D'USURE

Fer	ppm	89	---	---	---
Cuivre	ppm	2	---	---	---
Plomb	ppm	0	---	---	---
Étain	ppm	0	---	---	---
Aluminium	ppm	34	---	---	---
Chrome	ppm	2	---	---	---
Molybdène	ppm	58	---	---	---
Nickel	ppm	<1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIFS

Calcium	ppm	1037	---	---	---
Magnésium	ppm	973	---	---	---
Zinc	ppm	1185	---	---	---
Phosphore	ppm	1062	---	---	---
Baryum	ppm	0	---	---	---
Bore	ppm	2	---	---	---

#### Diagnostic

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. No other corrective action is recommended at this time. Aluminum ppm levels are severe. Piston wear is indicated. Light fuel dilution occurring. No other contaminants were detected in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: 100VAU  
Unique No: 5616460  
Signed: Kevin Marson  
Report Date: 24 Jul 2023



### GRAPHS

