

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 150670-1253 - Diesel Engine

Sample No: LH0271922

Oil Type: DIESEL ENGINE OIL SAE 15W40



**Gestion Transfor - Transport La Dore**  
 5750 Rue des Peupliers  
 La Dore, QC  
 CA G8J 1G4  
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#### SAMPLE INFORMATION

Sample Number	LH0271922	---	---	---
Sample Date	10 Sep 2023	---	---	---
Machine Hours	458	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 100°C	cSt	12.0	---	---	---
Oxidation (PA)	%	196	---	---	---



#### CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	94	---	---	---
Sulfation (PA)	%	107	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	1	---	---	---
Silicon	ppm	9	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	3	---	---	---



#### WEAR METALS

Iron	ppm	9	---	---	---
Copper	ppm	292	---	---	---
Lead	ppm	9	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	43	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	1331	---	---	---
Magnesium	ppm	925	---	---	---
Zinc	ppm	857	---	---	---
Phosphorus	ppm	770	---	---	---
Barium	ppm	24	---	---	---
Boron	ppm	94	---	---	---

#### Diagnosis

Aucune mesure corrective n'est recommandée pour l'instant. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. Légère dilution de carburant dans l'huile. Aucun autre contaminant n'a été détecté dans l'huile. L'état de l'huile est acceptable pour la durée de service.

**Depot:** TRALAD  
**Unique No:** 5642359  
**Signed:** Kevin Marson  
**Report Date:** 12 Sep 2023



### GRAPHS

