

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R922 054950-1486 - Diesel Engine

Sample No: LH0266431  
 Oil Type: NOT GIVEN



**LOCATION DE L'ANSE SEPT-ILES INC.**  
 271 BLVD VIGNEAULT  
 SEPT ILES, QC  
 CA G4R 5C7  
 Contact: Philippe Harvey

T: (418)350-2394  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0266431	---	---	---
Sample Date	17 Oct 2023	---	---	---
Machine Hours	557	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 100°C	cSt	12.0	---	---	---
Oxidation (PA)	%	173	---	---	---



#### CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	93	---	---	---
Sulfation (PA)	%	99	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.4	---	---	---
Silicon	ppm	60	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	<1	---	---	---



#### WEAR METALS

Iron	ppm	56	---	---	---
Copper	ppm	32	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	36	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	1706	---	---	---
Magnesium	ppm	785	---	---	---
Zinc	ppm	927	---	---	---
Phosphorus	ppm	750	---	---	---
Barium	ppm	8	---	---	---
Boron	ppm	84	---	---	---

#### 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. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. La teneur en carburant est négligeable. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: LOCSEP  
 Unique No: 5669891  
 Signed: Kevin Marson  
 Report Date: 01 Nov 2023



### GRAPHS

