

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22 1197-098192 - Diesel Engine

Sample No: LH
Oil Type: NOT GIVEN



OMNI-RAIL INC.
1520 RUE JEAN-LACHINE
STE-CATHERINE, QC
CA J5C 1C2
Contact: Service Manager

T:
F:



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	30 Nov 2023	---	---	---
Machine Hours	1038	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.3	---	---	---
Oxidation (PA)	%	76	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0	---	---	---
Nitration (PA)	%	80	---	---	---
Sulfation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	0.4	---	---	---
Silicon	ppm	13	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	23	---	---	---
Copper	ppm	48	---	---	---
Lead	ppm	4	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	17	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2003	---	---	---
Magnesium	ppm	281	---	---	---
Zinc	ppm	886	---	---	---
Phosphorus	ppm	749	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	2	---	---	---

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 d'usure de tous les composants sont normaux. La teneur en carburant est négligeable. Il n'y a aucun indice de contamination dans l'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 30; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Depot: OMNSTE
Unique No: 5685519
Signed: Kevin Marson
Report Date: 06 Dec 2023



GRAPHS

