

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 136874-1250 - Diesel Engine

Sample No: LH

Oil Type: PETRO CANADA DURON UHP 5W30



LA REGIE DES MATIERES RESIDUELLES DU LAC ST-JEAN
625 RUE BERGERON OUEST
ALMA, QC
CA G8B 1V3
Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH	LH0249963	---	---
Sample Date	05 Jan 2024	25 Jan 2023	---	---
Machine Hours	1000	500	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 100°C	cSt	11.7	12.2	---	---
Oxidation (PA)	%	82	161	---	---

T:
F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0	0	---	---
Nitration (PA)	%	83	83	---	---
Sulfation (PA)	%	61	97	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	13	51	---	---
Sodium	ppm	5	4	---	---
Potassium	ppm	<1	<1	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	15	17	---	---
Copper	ppm	5	12	---	---
Lead	ppm	<1	1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	3	4	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	58	33	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	905	1745	---	---
Magnesium	ppm	1086	740	---	---
Zinc	ppm	1153	911	---	---
Phosphorus	ppm	1030	838	---	---
Barium	ppm	<1	6	---	---
Boron	ppm	44	102	---	---

Depot: LARALM
Unique No: 5709521
Signed: Kevin Marson
Report Date: 15 Jan 2024



GRAPHS

