

LIEBHERR

CONSTRUCTION EQUIPMENT



[(352615)] LIEBHERR LH50M 131737-1216 - Diesel Engine

Sample No: LH

Oil Type: PETRO CANADA 10W40



METAL EXPRESS (9055-2480 QUEBEC INC)
254 RUE RICHARD-AUDET
ROXTON FALLS, QC
CA J0H 1E0
Contact: Service Manager

T: (450)522-5650
F:



SAMPLE INFORMATION

Sample Number	LH	LH0274196	LH0256430	---
Sample Date	06 Feb 2024	27 Sep 2023	03 Apr 2023	---
Machine Hours	2904	2467	2028	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---



OIL CONDITION

Visc @ 100°C	cSt	13.3	11.4	13.6	---
Oxidation (PA)	%	63	73	60	---



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Soot %	%	0	0	0	---
Nitration (PA)	%	63	78	58	---
Sulfation (PA)	%	52	55	52	---
Glycol	%	NEG	NEG	NEG	---
Fuel	%	<1.0	1.7	<1.0	---
Silicon	ppm	7	7	7	---
Sodium	ppm	1	4	1	---
Potassium	ppm	<1	0	0	---



WEAR METALS

Iron	ppm	3	3	3	---
Copper	ppm	3	8	3	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	2	1	2	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	58	60	58	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	<1	<1	0	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1019	836	1109	---
Magnesium	ppm	961	1114	973	---
Zinc	ppm	1171	1213	1194	---
Phosphorus	ppm	1001	1029	1103	---
Barium	ppm	<1	<1	<1	---
Boron	ppm	4	30	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.

Depot: METROX
Unique No: 5723500
Signed: Wes Davis
Report Date: 09 Feb 2024



GRAPHS

