

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112348 - Diesel Engine

Sample No: LH0284121

Oil Type: PETRO CANADA 10W40



Rypac Aluminum Recycling
 11849 Tannery Road
 Surrey, BC
 CA V3V 3W8
 Contact: Craig Merritt
 rypac2@shaw.ca
 T:
 F:



SAMPLE INFORMATION

Sample Number	LH0284121	LH0260538	---	---
Sample Date	12 Feb 2024	04 Jul 2023	---	---
Machine Hours	5077	4130	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 100°C	cSt	12.4	13.4	---	---
Oxidation (PA)	%	78	126	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	0	0	---	---
Nitration (PA)	%	83	119	---	---
Sulfation (PA)	%	61	81	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	6	8	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	3	5	---	---



WEAR METALS

Iron	ppm	6	14	---	---
Copper	ppm	6	32	---	---
Lead	ppm	<1	4	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	4	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	57	13	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	1136	1291	---	---
Magnesium	ppm	936	873	---	---
Zinc	ppm	1127	955	---	---
Phosphorus	ppm	914	872	---	---
Barium	ppm	<1	4	---	---
Boron	ppm	3	33	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: RYPSUR
 Unique No: 5734479
 Signed: Wes Davis
 Report Date: 22 Feb 2024



GRAPHS

