

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112348 - Diesel Engine

Sample No: LH0260538

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	LH0260538	---	---	---
Sample Date	04 Jul 2023	---	---	---
Machine Hours	4130	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

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



CONTAMINATION

Soot %	%	0	---	---	---
Nitration (PA)	%	119	---	---	---
Sulfation (PA)	%	81	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	8	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	5	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	1291	---	---	---
Magnesium	ppm	873	---	---	---
Zinc	ppm	955	---	---	---
Phosphorus	ppm	872	---	---	---
Barium	ppm	4	---	---	---
Boron	ppm	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: 5606670

Signed: Kevin Marson

Report Date: 13 Jul 2023



GRAPHS

