

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112348 - Swing Drive

Sample No: LH0260540

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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



SAMPLE INFORMATION

Sample Number	LH0260540	---	---	---
Sample Date	04 Jul 2023	---	---	---
Machine Hours	4130	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	208	---	---	---
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CONTAMINATION

Silicon	ppm	2	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	405	---	---	---
Copper	ppm	27	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	19	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	40	---	---	---
Phosphorus	ppm	2405	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	2	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: RYPSUR
Unique No: 5606853
Signed: Wes Davis
Report Date: 13 Jul 2023



GRAPHS

