

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112348 - Rear Axle

Sample No: LH0260541

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	LH0260541	---	---	---
Sample Date	04 Jul 2023	---	---	---
Machine Hours	4130	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	59.5	---	---	---
-------------	-----	------	-----	-----	-----



CONTAMINATION

Silicon	ppm	5	---	---	---
Sodium	ppm	11	---	---	---
Potassium	ppm	<1	---	---	---



WEAR METALS

Iron	ppm	7	---	---	---
Copper	ppm	7	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	3446	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	1465	---	---	---
Phosphorus	ppm	1221	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	102	---	---	---

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 80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: RYPSUR
 Unique No: 5606852
 Signed: Wes Davis
 Report Date: 13 Jul 2023



GRAPHS

