

LIEBHERR

CONSTRUCTION EQUIPMENT



[(360376)] LIEBHERR LH40M 134365-1215 - Swing Drive

Sample No: LH0276900

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



American Iron and Metal
 997 CARPIN BEACH RD
 SAULT ST MARIE, ON
 CA P6A 6K4
 Contact: Service Manager

T:
 F:



SAMPLE INFORMATION

Sample Number	LH0276900	LH0193117	---	---
Sample Date	23 Sep 2023	30 May 2022	---	---
Machine Hours	3785	1166	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	92.3	155	---	---
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CONTAMINATION

Silicon	ppm	<1	3	---	---
Sodium	ppm	2	4	---	---
Potassium	ppm	0	3	---	---



WEAR METALS

PQ		---	237	---	---
Iron	ppm	<1	397	---	---
Copper	ppm	<1	70	---	---
Lead	ppm	0	2	---	---
Tin	ppm	2	3	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	0	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	12	61	---	---
Magnesium	ppm	9	<1	---	---
Zinc	ppm	14	24	---	---
Phosphorus	ppm	674	2250	---	---
Barium	ppm	<1	7	---	---
Boron	ppm	2	25	---	---

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. The condition of the oil is acceptable for the time in service.

Depot: AIMS AU
Unique No: 5656357
Signed: Wes Davis
Report Date: 05 Oct 2023



GRAPHS

