

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0288361

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### Information sur l'échantillon

Numéro d'échant.	LH0288361	LH0276900	LH0193117	---
Date d'échant.	31 May 2024	23 Sep 2023	30 May 2022	---
Heures de la Machine	4811	3785	1166	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

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



#### État d'huile

Visc 40°C	cSt	159	92.3	155	---
-----------	-----	-----	------	-----	-----

T:  
F:



#### Contamination

Eau	%	NEG	NEG	NEG	---
Silicium	ppm	0	<1	3	---
Sodium	ppm	2	2	4	---
Potassium	ppm	<1	0	3	---

#### Diagnostic

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.



#### Métaux d'usure

PQ		---	---	237	---
Fer	ppm	155	<1	397	---
Cuivre	ppm	58	<1	70	---
Plomb	ppm	<1	0	2	---
Étain	ppm	2	2	3	---
Aluminium	ppm	<1	0	<1	---
Chrome	ppm	<1	0	2	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	0	<1	<1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	<1	<1	---
Manganèse	ppm	1	0	3	---
Vanadium	ppm	0	0	0	---



#### Additifs

Calcium	ppm	8	12	61	---
Magnésium	ppm	2	9	<1	---
Zinc	ppm	17	14	24	---
Phosphore	ppm	1853	674	2250	---
Baryum	ppm	3	<1	7	---
Bore	ppm	30	2	25	---

**Depot:** AIMS AU  
**Unique No:** 5788830  
**Signed:** Kevin Marson  
**Report Date:** 06 Jun 2024



### Graphs

