

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(360376)] LIEBHERR LH40M 134365-1215 - Front Differential

Sample No: LH0178387

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### Information sur l'échantillon

Numéro d'échant.	LH0178387	LH0276902	LH0193119	---
Date d'échant.	31 May 2024	23 Sep 2023	22 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	98.6	127	183	---
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T:  
F:



#### Contamination

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

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



#### Métaux d'usure

Fer	ppm	15	3	16	---
Cuivre	ppm	24	7	9	---
Plomb	ppm	0	<1	<1	---
Étain	ppm	0	0	0	---
Aluminium	ppm	<1	<1	<1	---
Chrome	ppm	0	0	<1	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	0	<1	<1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	<1	<1	---
Manganèse	ppm	<1	0	<1	---
Vanadium	ppm	0	0	0	---



#### Additifs

Calcium	ppm	28	13	5	---
Magnésium	ppm	2	1	<1	---
Zinc	ppm	28	14	8	---
Phosphore	ppm	1040	1650	1216	---
Baryum	ppm	0	3	358	---
Bore	ppm	118	186	2	---

**Depot:** AIMS AU  
**Unique No:** 5788856  
**Signed:** Wes Davis  
**Report Date:** 05 Jun 2024



### Graphs

