

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(360376)] LIEBHERR LH40M 134365-1215 - Diesel Engine

Sample No: LH0281347

Oil Type: PETRO CANADA SUPREME 5W30



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0281347	LH0276895	LH0193114	---
Date d'échant.	18 Jan 2024	23 Sep 2023	30 May 2022	---
Heures de la Machine	4274	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 100°C	cSt	11.8	11.5	13.4	---
Oxydation (PA)	%	81	98	86	---

T:  
F:



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	---
% de suie	%	0	0	0	---
Nitration (PA)	%	83	90	74	---
Sulfatation (PA)	%	56	64	70	---
Glycol	%	NEG	NEG	NEG	---
Essence	%	<1.0	<1.0	<1.0	---
Silicium	ppm	12	7	8	---
Sodium	ppm	4	5	3	---
Potassium	ppm	3	<1	4	---

#### Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



#### MÉTAUX D'USURE

Fer	ppm	4	7	5	---
Cuivre	ppm	2	4	263	---
Plomb	ppm	<1	<1	9	---
Étain	ppm	0	<1	<1	---
Aluminium	ppm	3	1	2	---
Chrome	ppm	<1	<1	<1	---
Molybdène	ppm	55	63	4	---
Nickel	ppm	<1	0	<1	---
Titane	ppm	0	0	<1	---
Argent	ppm	0	<1	0	---
Manganèse	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

Calcium	ppm	807	843	1930	---
Magnésium	ppm	1081	1108	156	---
Zinc	ppm	1153	1207	1113	---
Phosphore	ppm	1020	994	937	---
Baryum	ppm	0	<1	3	---
Bore	ppm	33	22	117	---

Depot: AIMS AU  
 Unique No: 5736295  
 Signed: Wes Davis  
 Report Date: 01 Mar 2024



### GRAPHS

