

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0288365

Oil Type: PETRO CANADA SUPREME 5W30



#### Information sur l'échantillon

Numéro d'échant.	LH0288365	LH0281347	LH0276895	LH0193114
Date d'échant.	31 May 2024	18 Jan 2024	23 Sep 2023	30 May 2022
Heures de la Machine	4811	4274	3785	1166
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	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	11.7	11.8	11.5	13.4
Oxydation (PA)	%	86	81	98	86

T:  
F:



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	88	83	90	74
Sulfatation (PA)	%	59	56	64	70
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	8	12	7	8
Sodium	ppm	4	4	5	3
Potassium	ppm	2	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	5	4	7	5
Cuivre	ppm	2	2	4	263
Plomb	ppm	0	<1	<1	9
Étain	ppm	0	0	<1	<1
Aluminium	ppm	1	3	1	2
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	56	55	63	4
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	<1	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	815	807	843	1930
Magnésium	ppm	1104	1081	1108	156
Zinc	ppm	1179	1153	1207	1113
Phosphore	ppm	975	1020	994	937
Baryum	ppm	<1	0	<1	3
Bore	ppm	36	33	22	117

Depot: AIMS AU  
Unique No: 5788730  
Signed: Wes Davis  
Report Date: 05 Jun 2024



### Graphs

