

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 068511-1761 - Diesel Engine

Sample No: LH0261758

Oil Type: DIESEL ENGINE OIL SAE 40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0261758	LH0261353	LH0256861	---
Date d'échant.	13 Jul 2023	24 May 2023	04 Apr 2023	---
Heures de la Machine	1492	1041	700	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

#### MILLER PAVING LTD.

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 MARKHAM, ON  
 CA L6G 1B2  
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#### ÉTAT D'HUILE

Visc 100°C	cSt	13.7	13.6	11.9	---
Oxydation (PA)	%	57	73	206	---



#### CONTAMINATION

% de suie	%	0	0	0	---
Nitration (PA)	%	48	52	91	---
Sulfatation (PA)	%	52	58	117	---
Glycol	%	NEG	NEG	NEG	---
Essence	%	<1.0	<1.0	1.6	---
Silicium	ppm	6	6	10	---
Sodium	ppm	1	1	2	---
Potassium	ppm	2	0	2	---

#### 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	4	10	---
Cuivre	ppm	5	29	165	---
Plomb	ppm	<1	2	6	---
Étain	ppm	0	<1	1	---
Aluminium	ppm	<1	1	2	---
Chrome	ppm	<1	0	<1	---
Molybdène	ppm	57	55	45	---
Nickel	ppm	<1	0	0	---
Titane	ppm	0	<1	<1	---
Argent	ppm	0	<1	0	---
Manganèse	ppm	<1	<1	2	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

Calcium	ppm	1054	1114	1360	---
Magnésium	ppm	972	950	908	---
Zinc	ppm	1187	1122	820	---
Phosphore	ppm	1046	1038	766	---
Baryum	ppm	<1	3	23	---
Bore	ppm	2	12	100	---

Depot: MIL408MAR2  
 Unique No: 5607590  
 Signed: Wes Davis  
 Report Date: 18 Jul 2023



### GRAPHS

