

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 068511-1761 - Diesel Engine

Sample No: LH0291007

Oil Type: DIESEL ENGINE OIL SAE 40



#### Information sur l'échantillon

Numéro d'échant.		LH0291007	LH0282263	LH0274786	LH0261758
Date d'échant.		10 Jun 2024	21 Jan 2024	29 Aug 2023	13 Jul 2023
Heures de la Machine		3246	2595	1877	1492
Heures de l'huile		0	0	0	0
Huile changée		Changed	N/A	Changed	Changed
Statut de l'échant.		NORMAL	NORMAL	NORMAL	NORMAL

#### MILLER PAVING LTD.

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#### État d'huile

Visc 100°C	cSt	12.6	13.5	13.9	13.7
Oxydation (PA)	%	67	64	59	57



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	64	57	50	48
Sulfatation (PA)	%	53	54	55	52
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	4	5	5	6
Sodium	ppm	2	1	1	1
Potassium	ppm	2	<1	<1	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	3	4
Cuivre	ppm	2	3	2	5
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	1	1	<1	<1
Chrome	ppm	0	0	<1	<1
Molybdène	ppm	59	58	57	57
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	954	1032	1051	1054
Magnésium	ppm	1040	945	972	972
Zinc	ppm	1189	1148	1178	1187
Phosphore	ppm	990	997	1035	1046
Baryum	ppm	<1	0	<1	<1
Bore	ppm	19	4	1	2

Depot: MIL408MAR2  
 Unique No: 5798535  
 Signed: Wes Davis  
 Report Date: 12 Jun 2024



### Graphs

