

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 068511-1761 - Diesel Engine

Sample No: LH0274786

Oil Type: DIESEL ENGINE OIL SAE 40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274786	LH0261758	LH0261353	LH0256861
Date d'échant.	29 Aug 2023	13 Jul 2023	24 May 2023	04 Apr 2023
Heures de la Machine	1877	1492	1041	700
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

MILLER PAVING LTD.

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ÉTAT D'HUILE

Visc 100°C	cSt	13.9	13.7	13.6	11.9
Oxydation (PA)	%	59	57	73	206



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	50	48	52	91
Sulfatation (PA)	%	55	52	58	117
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	1.6
Silicium	ppm	5	6	6	10
Sodium	ppm	1	1	1	2
Potassium	ppm	<1	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	3	4	4	10
Cuivre	ppm	2	5	29	165
Plomb	ppm	<1	<1	2	6
Étain	ppm	0	0	<1	1
Aluminium	ppm	<1	<1	1	2
Chrome	ppm	<1	<1	0	<1
Molybdène	ppm	57	57	55	45
Nickel	ppm	0	<1	0	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	0	<1	0
Manganèse	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	1051	1054	1114	1360
Magnésium	ppm	972	972	950	908
Zinc	ppm	1178	1187	1122	820
Phosphore	ppm	1035	1046	1038	766
Baryum	ppm	<1	<1	3	23
Bore	ppm	1	2	12	100

Depot: MIL408MAR2
 Unique No: 5632377
 Signed: Wes Davis
 Report Date: 30 Aug 2023



GRAPHS

