

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(353863)] LIEBHERR L586 061826-1761- Diesel Engine

Sample No: LH0192726

Oil Type: SHELL ROTELLA T SB 0W40



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0192726	LH0192737	LH0192647	LH0192643
Date d'échant.	14 Nov 2023	02 Nov 2023	17 Aug 2023	14 Jun 2023
Heures de la Machine	20192	1618	18248	17003
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

AV Terrace Bay Inc.

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#### ÉTAT D'HUILE

Visc 100°C	cSt	14.6	14.5	15.2	14.7
Oxydation (PA)	%	76	83	103	104



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	71	78	95	88
Sulfatation (PA)	%	56	59	71	68
Glycol	%	0.0	0.0	0.0	0.0
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	2	3	5	5
Sodium	ppm	2	3	3	2
Potassium	ppm	9	7	9	9



#### MÉTAUX D'USURE

Fer	ppm	3	5	15	13
Cuivre	ppm	1	3	8	12
Plomb	ppm	0	<1	6	4
Étain	ppm	0	0	<1	<1
Aluminium	ppm	1	1	2	1
Chrome	ppm	0	0	<1	<1
Molybdène	ppm	2	1	8	2
Nickel	ppm	0	<1	<1	0
Titane	ppm	0	0	0	<1
Argent	ppm	0	<1	<1	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	2178	2219	2485	2341
Magnésium	ppm	12	12	13	15
Zinc	ppm	1155	1208	1303	1243
Phosphore	ppm	1036	969	1038	1098
Baryum	ppm	0	<1	<1	0
Bore	ppm	33	32	28	29

#### 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.

Depot: AVTTER

Unique No: 5709764

Signed: Kevin Marson

Report Date: 15 Jan 2024



### GRAPHS

