

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0192647

Oil Type: SHELL ROTELLA T SB 0W40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0192647	LH0192643	LH0209031	LH0209028
Date d'échant.	17 Aug 2023	14 Jun 2023	19 Apr 2023	22 Feb 2023
Heures de la Machine	18248	17003	15800	14681
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	15.2	14.7	14.4	14.5
Oxydation (PA)	%	103	104	82	88



CONTAMINATION

% de suie	%	0	0	0	0
Nitration (PA)	%	95	88	80	83
Sulfatation (PA)	%	71	68	56	66
Glycol	%	0.0	0.0	0.0	0.0
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	5	5	5	5
Sodium	ppm	3	2	2	3
Potassium	ppm	9	9	9	9



MÉTAUX D'USURE

Fer	ppm	15	13	5	6
Cuivre	ppm	8	12	13	10
Plomb	ppm	6	4	<1	1
Étain	ppm	<1	<1	0	0
Aluminium	ppm	2	1	1	1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	8	2	2	2
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	<1	<1	<1
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	2485	2341	2193	2348
Magnésium	ppm	13	15	17	15
Zinc	ppm	1303	1243	1173	1228
Phosphore	ppm	1038	1098	1061	1057
Baryum	ppm	<1	0	0	0
Bore	ppm	28	29	28	35

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: 5657938

Signed: Kevin Marson

Report Date: 16 Oct 2023



GRAPHS

