

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 059181-1756 - Diesel Engine

Sample No: LH0245760

Oil Type: SHELL ROTELLA T6 0W40



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0245760	LH0245752	LH0245774	LH0221706
Date d'échant.	30 Nov 2023	27 Sep 2023	16 Mar 2023	05 Oct 2022
Heures de la Machine	3634	3336	2234	1026
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ABNORMAL

AV Terrace Bay Inc.

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ÉTAT D'HUILE

Visc 100°C	cSt	13.4	13.6	13.2	11.6
Oxydation (PA)	%	66	72	81	168



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	58	75	74	85
Sulfatation (PA)	%	49	53	63	99
Glycol	%	0.0	0.0	0.0	NEG
Essence	%	<1.0	<1.0	<1.0	1.5
Silicium	ppm	6	6	6	10
Sodium	ppm	2	2	3	3
Potassium	ppm	9	17	19	9



MÉTAUX D'USURE

Fer	ppm	3	6	6	15
Cuivre	ppm	6	45	76	426
Plomb	ppm	<1	2	2	14
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	1	2	2	2
Chrome	ppm	0	0	0	<1
Molybdène	ppm	1	2	5	46
Nickel	ppm	<1	<1	0	0
Titane	ppm	0	0	<1	<1
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	0	<1	1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	2104	2153	2168	1444
Magnésium	ppm	11	19	73	882
Zinc	ppm	1123	1165	1155	911
Phosphore	ppm	1015	961	1008	799
Baryum	ppm	0	<1	2	30
Bore	ppm	36	23	32	78

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: 5709765

Signed: Kevin Marson

Report Date: 15 Jan 2024



GRAPHS

