

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139284-1253 - Diesel Engine

Sample No: LH0241892

Oil Type: SHELL ROTELLA T4 15W40



HUBERT & FILS

474 ROUTE 105
BOIS-FRANC, QC
CA J9E 3A9

Contact: Eric Brisebois

ericbrisebois99@gmail.com

T:

F:



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0241892	LH0241868	LH0239949	LH0241859
Date d'échant.	01 Mar 2024	31 Oct 2023	04 Sep 2023	06 Jul 2023
Heures de la Machine	3900	2739	2265	1668
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



ÉTAT D'HUILE

Visc 100°C	cSt	13.5	13.8	13.5	13.4
Oxydation (PA)	%	84	76	75	77



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	73	75	73	72
Sulfatation (PA)	%	65	63	62	63
Glycol	%	NEG	0.0	0.0	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	9	6	7
Sodium	ppm	2	2	4	2
Potassium	ppm	2	6	11	3



MÉTAUX D'USURE

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



ADDITIFS

Calcium	ppm	2046	2246	2222	1973
Magnésium	ppm	97	18	25	106
Zinc	ppm	1100	1151	1156	1100
Phosphore	ppm	890	975	957	944
Baryum	ppm	<1	0	<1	<1
Bore	ppm	108	105	95	94

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: HUBBOI

Unique No: 5750305

Signed: Wes Davis

Report Date: 28 Mar 2024



GRAPHS

