

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 121164-1216 - Diesel Engine

Sample No: LH0289837

Oil Type: PETRO CANADA 10W40



Information sur l'échantillon

Numéro d'échant.	LH0289837	LH0274283	LH0235226	LH
Date d'échant.	22 May 2024	02 Oct 2023	08 Nov 2022	04 Oct 2021
Heures de la Machine	5000	4259	3298	0
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ABNORMAL

ACIER CENTURY INC
600 BERGE DU CANAL
LACHINE, QC
CA H8R 1H4
Contact: SERVICE



État d'huile

Visc 100°C	cSt	12.6	12.5	12.2	12.0
Oxydation (PA)	%	69	78	90	133

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	80	83	93	132
Sulfatation (PA)	%	56	61	66	84
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	1.9	<1.0
Silicium	ppm	4	7	7	10
Sodium	ppm	1	2	2	3
Potassium	ppm	0	<1	1	4

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	4	6	9	20
Cuivre	ppm	3	8	22	98
Plomb	ppm	<1	2	3	5
Étain	ppm	0	<1	<1	2
Aluminium	ppm	<1	2	2	2
Chrome	ppm	0	0	<1	<1
Molybdène	ppm	61	60	60	59
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	<1	0
Argent	ppm	0	<1	<1	<1
Manganèse	ppm	0	0	<1	1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	1067	1066	1105	1143
Magnésium	ppm	982	974	976	1030
Zinc	ppm	1173	1162	1165	1182
Phosphore	ppm	949	944	986	947
Baryum	ppm	<1	<1	<1	8
Bore	ppm	<1	1	2	5

Depot: ACILAC
Unique No: 5786224
Signed: Wes Davis
Report Date: 23 May 2024



Graphs

