

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(341437)] LIEBHERR LH50M 128335-1216 - Diesel Engine

Sample No: LH0274731

Oil Type: SAE 10W40



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0274731	LH0277480	LH0270146	LH0266024
Date d'échant.	03 Mar 2024	20 Nov 2023	27 Sep 2023	25 Jul 2023
Heures de la Machine	12359	11104	10573	9871
Heures de l'huile	0	0	0	0
Huile changée	Changed	N/A	N/A	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

COMBINED METAL INDUSTRIES-PUBLIC YARD  
129 FENMAR DR  
TORONTO, ON  
CA M9L 1M7  
Contact: Greg Sacher  
gsacher@combinedmetal.com  
T: (416)642-7262  
F: x:



#### ÉTAT D'HUILE

Visc 100°C	cSt	12.9	13.2	13.1	12.5
Oxydation (PA)	%	74	69	75	79



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
% de suie	%	0	0	0	0
Nitration (PA)	%	76	69	73	75
Sulfatation (PA)	%	55	54	56	61
Glycol	%	NEG	NEG	NEG	NEG
Essence	%	<1.0	<1.0	<1.0	<1.0
Silicium	ppm	6	7	6	5
Sodium	ppm	1	2	2	2
Potassium	ppm	<1	0	0	0

#### 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	3	3	4
Cuivre	ppm	2	2	1	2
Plomb	ppm	<1	<1	<1	2
Étain	ppm	0	0	0	<1
Aluminium	ppm	1	1	<1	<1
Chrome	ppm	<1	0	0	<1
Molybdène	ppm	58	56	59	58
Nickel	ppm	<1	0	0	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	1116	1155	1056	1067
Magnésium	ppm	966	922	982	996
Zinc	ppm	1210	1173	1197	1222
Phosphore	ppm	1020	976	994	1053
Baryum	ppm	0	<1	<1	<1
Bore	ppm	3	3	1	2

Depot: COMTOR  
Unique No: 5736629  
Signed: Wes Davis  
Report Date: 04 Mar 2024



### GRAPHS

