

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 144842-1216 - Diesel Engine

Sample No: LH0270199

Oil Type: DIESEL ENGINE OIL SAE 40



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270199	LH0277729	LH0251808	---
Date d'échant.	27 Feb 2024	27 Nov 2023	09 Mar 2023	---
Heures de la Machine	2406	1853	561	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

American Iron and Metal
140 DOWTY ROAD
AJAX, ON
CA L1S 1P7
Contact: Service Manager



ÉTAT D'HUILE

Visc 100°C	cSt	13.0	12.8	11.7	---
Oxydation (PA)	%	67	71	212	---

T:
F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	---
% de suie	%	0	0	0	---
Nitration (PA)	%	71	71	108	---
Sulfatation (PA)	%	52	54	117	---
Glycol	%	NEG	NEG	NEG	---
Essence	%	<1.0	<1.0	1.2	---
Silicium	ppm	6	7	9	---
Sodium	ppm	1	2	2	---
Potassium	ppm	<1	0	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	3	4	12	---
Cuivre	ppm	2	4	120	---
Plomb	ppm	<1	<1	7	---
Étain	ppm	0	0	1	---
Aluminium	ppm	1	1	3	---
Chrome	ppm	0	0	1	---
Molybdène	ppm	55	58	46	---
Nickel	ppm	0	0	0	---
Titane	ppm	0	0	<1	---
Argent	ppm	0	<1	0	---
Manganèse	ppm	0	0	2	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	1084	1059	1429	---
Magnésium	ppm	914	960	926	---
Zinc	ppm	1129	1173	826	---
Phosphore	ppm	961	985	726	---
Baryum	ppm	<1	<1	41	---
Bore	ppm	3	4	103	---

Depot: AME140AJA
Unique No: 5735737
Signed: Wes Davis
Report Date: 28 Feb 2024



GRAPHS

