

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 146402-1215 - Diesel Engine

Sample No: LH0279200

Oil Type: SAE 5W30



JOSEPH & COMPANY INC
257 VICTORIA ST N
KITCHENER, ON
CA N2H 5C9
Contact: Service Manager

T:
F:



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0279200	LH0285167	LH0266027	---
Date d'échant.	01 Mar 2024	08 Feb 2024	27 Jul 2023	---
Heures de la Machine	4500	981	511	---
Heures de l'huile	0	0	0	---
Huile changée	N/A	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---



ÉTAT D'HUILE

Visc 100°C	cSt	12.0	13.0	11.9	---
Oxydation (PA)	%	81	72	209	---



CONTAMINATION

Eau	%	NEG	NEG	NEG	---
% de suie	%	0	0	0	---
Nitration (PA)	%	94	71	103	---
Sulfatation (PA)	%	60	58	113	---
Glycol	%	NEG	NEG	NEG	---
Essence	%	<1.0	<1.0	<1.0	---
Silicium	ppm	5	7	9	---
Sodium	ppm	4	2	3	---
Potassium	ppm	2	<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	8	5	13	---
Cuivre	ppm	3	34	181	---
Plomb	ppm	0	2	8	---
Étain	ppm	0	<1	2	---
Aluminium	ppm	2	2	4	---
Chrome	ppm	<1	<1	2	---
Molybdène	ppm	61	56	46	---
Nickel	ppm	0	<1	0	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	0	0	1	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	851	1068	1375	---
Magnésium	ppm	1167	929	946	---
Zinc	ppm	1267	1131	862	---
Phosphore	ppm	1005	951	721	---
Baryum	ppm	<1	3	44	---
Bore	ppm	27	5	90	---

Depot: JOS257KIT
Unique No: 5748428
Signed: Kevin Marson
Report Date: 20 Mar 2024



GRAPHS

