

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145181-1216 - Swing Drive

Sample No: LH0286808

Oil Type: GEAR OIL SAE 80W90



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0286808	LH0274806	LH0261388	---
Date d'échant.	01 Apr 2024	29 Aug 2023	28 Apr 2023	---
Heures de la Machine	2092	1043	497	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

METALOGICS INC
70 NORTH QUEEN ST.
ETOBICOKE, ON
CA M8Z 2C7
Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	89.0	● 111	● 177	---
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T:
F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	---
Silicium	ppm	● 0	● 2	● 2	---
Sodium	ppm	● <1	● 2	● 4	---
Potassium	ppm	● <1	● 1	● 2	---

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	● 76	● 115	● 208	---
Cuivre	ppm	● 28	● 43	● 52	---
Plomb	ppm	● 0	● 1	● 2	---
Étain	ppm	● 0	● <1	● 2	---
Aluminium	ppm	● 0	● <1	● <1	---
Chrome	ppm	● <1	● 1	● 1	---
Molybdène	ppm	● 0	● <1	● 0	---
Nickel	ppm	● 0	● <1	● <1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	● 0	● 1	● 3	---
Vanadium	ppm	0	0	0	---



ADDITIFS

Calcium	ppm	● 4	● 21	● 23	---
Magnésium	ppm	● <1	● 10	● <1	---
Zinc	ppm	● 7	● 22	● 13	---
Phosphore	ppm	● 773	● 1439	● 2474	---
Baryum	ppm	● <1	● 4	● 11	---
Bore	ppm	● 40	● 251	● 3	---

Depot: MET70ETO
Unique No: 5759291
Signed: Wes Davis
Report Date: 02 Apr 2024



GRAPHS

