

LIEBHERR

CONSTRUCTION EQUIPMENT



[(358361)] LIEBHERR LH40M 133820-1215 - Swing Drive

Sample No: LH0289646

Oil Type: GEAR OIL SAE 75W90



Information sur l'échantillon

Numéro d'échant.	LH0289646	LH0227573	---	---
Date d'échant.	10 Jun 2024	09 Mar 2022	---	---
Heures de la Machine	2606	509	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	ABNORMAL	NORMAL	---	---

METALOGICS INC.
895 COLLINSON RD.
DUNDAS, ON
CA L9H 5E2
Contact: Service Manager



État d'huile

Visc 40°C	cSt	● 98.5	● 171	---	---
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T:
F:



Contamination

Eau	%	NEG	NEG	---	---
Silicium	ppm	● 2	● 2	---	---
Sodium	ppm	● 1	● 6	---	---
Potassium	ppm	● 1	● 2	---	---

Diagnostic

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm. Iron ppm levels are abnormal. Gear wear is indicated. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



Métaux d'usure

PQ		● 0	---	---	---
Fer	ppm	● 735	● 256	---	---
Cuivre	ppm	● 167	● 42	---	---
Plomb	ppm	● 4	● 1	---	---
Étain	ppm	● 1	● 2	---	---
Aluminium	ppm	● <1	● <1	---	---
Chrome	ppm	● 5	● 1	---	---
Molybdène	ppm	● 0	0	---	---
Nickel	ppm	● <1	● <1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	<1	---	---
Manganèse	ppm	● 6	2	---	---
Vanadium	ppm	0	0	---	---



Additifs

Calcium	ppm	● 19	50	---	---
Magnésium	ppm	● 1	<1	---	---
Zinc	ppm	● 29	14	---	---
Phosphore	ppm	● 1204	2336	---	---
Baryum	ppm	● 3	10	---	---
Bore	ppm	● 233	5	---	---

Depot: MET895DUN
Unique No: 5798756
Signed: Kevin Marson
Report Date: 11 Jun 2024



Graphs

