

LIEBHERR

CONSTRUCTION EQUIPMENT



[(366972)] LIEBHERR LH50M 134369-1216 - Front Left Wheel

Sample No: LH0223783

Oil Type: LIEBHERR GEAR BASIC 90 LS



9192-2443 QUEBEC INC. EQUIPEMENT REBP
175 PORTAGE DES MOUSSES
PORT CARTIER, QC
CA G5B 2V9
Contact: Service Manager



Information sur l'échantillon

Numéro d'échant.	LH0223783	LH	LH0119147	---
Date d'échant.	14 Jul 2024	25 Mar 2023	14 Sep 2022	---
Heures de la Machine	0	1905	861	---
Heures de l'huile	0	0	0	---
Huile changée	N/A	N/A	Not Changd	---
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	---



État d'huile

Visc 40°C	cSt	173	172	140	---
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Contamination

Eau	%	NEG	NEG	NEG	---
Silicium	ppm	13	6	6	---
Sodium	ppm	11	6	2	---
Potassium	ppm	2	1	1	---



Métaux d'usure

Fer	ppm	118	39	26	---
Cuivre	ppm	23	15	31	---
Plomb	ppm	<1	<1	<1	---
Étain	ppm	0	0	0	---
Aluminium	ppm	2	1	<1	---
Chrome	ppm	<1	0	0	---
Molybdène	ppm	<1	2	4	---
Nickel	ppm	<1	<1	0	---
Titane	ppm	0	0	0	---
Argent	ppm	<1	0	0	---
Manganèse	ppm	3	1	<1	---
Vanadium	ppm	0	0	0	---



Additifs

Calcium	ppm	76	101	43	---
Magnésium	ppm	1	<1	<1	---
Zinc	ppm	48	31	51	---
Phosphore	ppm	2092	2059	1209	---
Baryum	ppm	<1	0	0	---
Bore	ppm	2	2	3	---

T:
F:

Diagnostic

We advise that you check for visible metal particles in the oil. We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Moderate concentration of visible metal present. Gear wear is indicated. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: 919POR
Unique No: 5813449
Signed: Kevin Marson
Report Date: 17 Jul 2024



Graphs

