

LIEBHERR

CONSTRUCTION EQUIPMENT



[(358361)] LIEBHERR LH40M 133820-1215 - Rear Differential

Sample No: LH0289649

Oil Type: LIEBHERR GEAR BASIC 90 LS



Information sur l'échantillon

Numéro d'échant.	LH0289649	LH0203068	LH0227571	---
Date d'échant.	10 Jun 2024	31 Aug 2022	09 Mar 2022	---
Heures de la Machine	2606	1001	509	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

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



État d'huile

Visc 40°C	cSt	178	110	142	---
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T:
F:



Contamination

Eau	%	NEG	NEG	NEG	---
Silicium	ppm	4	6	13	---
Sodium	ppm	4	3	6	---
Potassium	ppm	<1	<1	1	---

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



Métaux d'usure

Fer	ppm	35	19	34	---
Cuivre	ppm	23	25	18	---
Plomb	ppm	0	1	<1	---
Étain	ppm	0	0	0	---
Aluminium	ppm	<1	<1	1	---
Chrome	ppm	0	0	<1	---
Molybdène	ppm	0	2	8	---
Nickel	ppm	<1	0	<1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	1	<1	1	---
Vanadium	ppm	0	0	0	---



Additifs

Calcium	ppm	41	93	332	---
Magnésium	ppm	<1	2	1	---
Zinc	ppm	27	41	94	---
Phosphore	ppm	2168	1253	1502	---
Baryum	ppm	<1	0	2	---
Bore	ppm	25	244	9	---

Depot: MET895DUN
Unique No: 5798774
Signed: Wes Davis
Report Date: 11 Jun 2024



Graphs

