

LIEBHERR

CONSTRUCTION EQUIPMENT



[(338032)] LIEBHERR LH50M 126428-1216 - Rear Differential

Sample No: LH0278745

Oil Type: GEAR OIL SAE 80W90



Information sur l'échantillon

Número d'échant.	LH0278745	LH0286842	LH0274494	LH0256507
Date d'échant.	07 Jul 2024	10 Mar 2024	16 Aug 2023	03 Apr 2023
Heures de la Machine	12069	10987	9184	8117
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

COMBINED METAL INDUSTRIES
454 DOBBIE DRIVE
CAMBRIDGE, ON
CA N1T 1S7
Contact: Service Manager



État d'huile

Visc 40°C	cSt	103	101	107	99.1
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T:
F:



Contamination

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

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	● 1	● 6	● 2	● 8
Cuivre	ppm	● 8	● 3	● 14	● 6
Plomb	ppm	● 0	● 0	● <1	● 0
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● <1	● <1	● <1	● <1
Chrome	ppm	● 0	● 0	● 0	● 0
Molybdène	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● <1	● 0	● <1
Titane	ppm	● 0	● 0	● 0	● 0
Argent	ppm	● 0	● 0	● 0	● 0
Manganèse	ppm	● 0	● 0	● 0	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



Additifs

Calcium	ppm	● 16	● 17	● 7	● 10
Magnésium	ppm	● 2	● 3	● 1	● 1
Zinc	ppm	● 13	● 14	● 14	● 15
Phosphore	ppm	● 1207	● 1250	● 1327	● 1364
Baryum	ppm	● 0	● 0	● 0	● 0
Bore	ppm	● 308	● 310	● 323	● 310

Depot: COM454CAM
Unique No: 5811990
Signed: Wes Davis
Report Date: 09 Jul 2024



Graphs

