



LIEBHERR LH50M 123311-1216 - Front Differential

Sample No: LH0289492

Oil Type: GEAR OIL SAE 80W90



Information sur l'échantillon

Numéro d'échant.	LH0289492	LH0261370	LH0242492	LH0234670
Date d'échant.	25 Apr 2024	01 May 2023	24 Oct 2022	05 Jul 2022
Heures de la Machine	8175	6153	5011	4379
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

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État d'huile

Visc 40°C	cSt	101	101	105	104
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Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	● <1	● 3	● 1	● 3
Sodium	ppm	● <1	● <1	● <1	● <1
Potassium	ppm	● <1	● <1	● <1	● <1

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	● 2	● 3	● 1	● 2
Cuivre	ppm	● 27	● 9	● 8	● 13
Plomb	ppm	● 0	● <1	● 0	● <1
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● 0	● <1	● <1	● <1
Chrome	ppm	● 0	● 0	● 0	● 0
Molybdène	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● 0	● <1	● 0	● 0
Titane	ppm	● 0	● 0	● 0	● 0
Argent	ppm	● 0	● 0	● 0	● 0
Manganèse	ppm	● <1	● <1	● 0	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



Additifs

Calcium	ppm	● 8	● 9	● 10	● 9
Magnésium	ppm	● 2	● 2	● <1	● 2
Zinc	ppm	● 24	● 15	● 14	● 15
Phosphore	ppm	● 1203	● 1354	● 1345	● 1230
Baryum	ppm	● <1	● 0	● 0	● 0
Bore	ppm	● 306	● 316	● 304	● 312

Depot: LON333LON
 Unique No: 5772895
 Signed: Wes Davis
 Report Date: 26 Apr 2024



Graphs

