

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362878)] 135287-1218 - Rear Differential

Sample No: LH0276237

Oil Type: GEAR OIL SAE 75W90



Information sur l'échantillon

Numéro d'échant.	LH0276237	LH0284935	LH0277416	LH0274367
Date d'échant.	07 May 2024	08 Feb 2024	23 Oct 2023	05 Sep 2023
Heures de la Machine	11139	10128	8967	3998
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	106	102	104	105



Contamination

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



Métaux d'usure

Fer	ppm	<1	6	<1	3
Cuivre	ppm	<1	1	<1	<1
Plomb	ppm	0	<1	0	0
Étain	ppm	0	0	0	0
Aluminium	ppm	0	<1	0	0
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	0
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	14	10	10	12
Magnésium	ppm	2	1	<1	1
Zinc	ppm	10	8	8	10
Phosphore	ppm	1244	1161	1256	1301
Baryum	ppm	0	0	0	0
Bore	ppm	316	270	321	315

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.

Depot: LAKWHI

Unique No: 5775307

Signed: Wes Davis

Report Date: 08 May 2024



Graphs

