



LIEBHERR LH60M 145111-1217 - Front Differential

Sample No: LH0296535

Oil Type: GEAR OIL SAE 90



Information sur l'échantillon

Número d'échant.	LH0296535	LH0285009	LH0266079	LH0261412
Date d'échant.	07 Jul 2024	12 Feb 2024	20 Jun 2023	27 Apr 2023
Heures de la Machine	4008	2972	1188	558
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

RAM IRON AND METAL

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État d'huile

Visc 40°C	cSt	90.6	91.5	109	168
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Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	5	4	4	4
Sodium	ppm	<1	<1	<1	3
Potassium	ppm	0	<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	3	3	3	4
Cuivre	ppm	11	5	19	7
Plomb	ppm	0	0	<1	<1
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	0	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	<1	3
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	3	3	5	8
Magnésium	ppm	<1	<1	1	<1
Zinc	ppm	10	8	17	8
Phosphore	ppm	695	701	1381	1425
Baryum	ppm	1	<1	14	239
Bore	ppm	6	5	299	50

Depot: RAMTOR
Unique No: 5811948
Signed: Wes Davis
Report Date: 09 Jul 2024



Graphs

