

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L546 054052-1560 - Front Right Wheel Hub

Sample No: LH0169007

Oil Type: GEAR OIL SAE 75W90



#### Information sur l'échantillon

Número d'échant.	LH0169007	LH0169033	LH0169020	LH0168994
Date d'échant.	11 Jun 2024	10 Jan 2023	15 Sep 2022	14 Jun 2021
Heures de la Machine	7137	4988	4420	2099
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Not Changd	Changed
Statut de l'échant.	NORMAL	ABNORMAL	NORMAL	NORMAL

**MOOREFIELD EXCAVATING LTD.**  
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#### État d'huile

Visc 40°C	cSt	112	121	120	99.3
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#### Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	<1	2	<1	5
Sodium	ppm	<1	1	1	1
Potassium	ppm	4	4	4	<1



#### Métaux d'usure

PQ		---	0	---	---
Fer	ppm	439	657	389	90
Cuivre	ppm	<1	<1	<1	<1
Plomb	ppm	0	0	0	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	0	<1	0	<1
Chrome	ppm	5	8	5	<1
Molybdène	ppm	<1	0	0	<1
Nickel	ppm	<1	1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	3	5	2	<1
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	13	5	5	15
Magnésium	ppm	7	<1	<1	<1
Zinc	ppm	13	12	9	9
Phosphore	ppm	544	789	654	941
Baryum	ppm	0	0	0	<1
Bore	ppm	3	6	4	8

#### 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: MOOPAL  
 Unique No: 5812309  
 Signed: Wes Davis  
 Report Date: 09 Jul 2024



### Graphs

