

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L546 054052-1560 - Rear Left Wheel Hub

Sample No: LH0169008

Oil Type: GEAR OIL SAE 75W90



Information sur l'échantillon

Número d'échant.	LH0169008	LH0169034	LH0169021	LH0168995
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.	ABNORMAL	ABNORMAL	ABNORMAL	NORMAL

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État d'huile

Visc 40°C	cSt	110	121	120	105
		●	●	●	●



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	● 0	● 2	● <1	● 6
Sodium	ppm	● <1	● 1	● 1	● 1
Potassium	ppm	● 4	● 5	● 4	● 2



Métaux d'usure

PQ		● 0	● 0	● 0	---
Fer	ppm	● 521	● 754	● 471	● 35
Cuivre	ppm	● <1	● <1	● <1	● <1
Plomb	ppm	● 0	● 0	● <1	● 0
Étain	ppm	0	0	0	0
Aluminium	ppm	● <1	● <1	● <1	● <1
Chrome	ppm	● 6	● 9	● 6	● <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	● 6	● 4	● <1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	● 13	● 4	● 5	● 13
Magnésium	ppm	● 7	● <1	● <1	● <1
Zinc	ppm	● 16	● 15	● 13	● 9
Phosphore	ppm	590	● 841	718	● 1053
Baryum	ppm	● 0	● 0	● 0	● 2
Bore	ppm	● 4	● 9	● 6	● 8

Diagnostic

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: MOOPAL
 Unique No: 5812308
 Signed: Kevin Marson
 Report Date: 10 Jul 2024



Graphs

