

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L546 054052-1560 - Front Differential

Sample No: LH0169000

Oil Type: GEAR OIL SAE 75W90



Information sur l'échantillon

Número d'échant.	LH0169000	LH0169013	LH0168987	LH0168974
Date d'échant.	11 Jun 2024	15 Jul 2022	14 Jun 2021	08 Dec 2020
Heures de la Machine	7137	3877	2095	1079
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

MOOREFIELD EXCAVATING LTD.
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État d'huile

Visc 40°C	cSt	100	88.2	101	185



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	1	1	4	18
Sodium	ppm	2	2	2	10
Potassium	ppm	3	<1	<1	3

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	228	23	23	149
Cuivre	ppm	<1	<1	<1	1
Plomb	ppm	0	<1	<1	0
Étain	ppm	0	0	<1	<1
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	0	<1	1
Molybdène	ppm	<1	0	<1	1
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	<1
Manganèse	ppm	2	<1	<1	2
Vanadium	ppm	0	<1	0	0



Additifs

Calcium	ppm	23	10	16	31
Magnésium	ppm	9	3	1	2
Zinc	ppm	44	15	12	21
Phosphore	ppm	1729	3285	1946	2228
Baryum	ppm	0	0	<1	<1
Bore	ppm	5	129	7	1

Depot: MOOPAL
 Unique No: 5812310
 Signed: Wes Davis
 Report Date: 09 Jul 2024



Graphs

