



### LIEBHERR LH60M 145111-1217 - Front Left Wheel Hub

Sample No: LH0296531

Oil Type: GEAR OIL SAE 80W90



#### RAM IRON AND METAL

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TORONTO, ON  
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#### Information sur l'échantillon

Número d'échant.	LH0296531	LH0285006	LH0247465	LH0261406
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	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



#### État d'huile

Visc 40°C	cSt	105	91.5	116	152



#### Contamination

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



#### Métaux d'usure

Fer	ppm	61	2	22	88
Cuivre	ppm	15	5	7	12
Plomb	ppm	<1	0	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	1	<1	<1	2
Chrome	ppm	<1	0	0	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	<1
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	1	0	<1	3
Vanadium	ppm	0	0	0	0



#### Additifs

Calcium	ppm	11	3	11	18
Magnésium	ppm	2	<1	2	2
Zinc	ppm	22	6	16	47
Phosphore	ppm	1242	696	1386	1626
Baryum	ppm	12	<1	27	103
Bore	ppm	278	5	237	95

#### 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: RAMTOR  
Unique No: 5811946  
Signed: Wes Davis  
Report Date: 09 Jul 2024



### Graphs

