



### LIEBHERR LH40M 114405-1215 - Front Left Wheel Hub

Sample No: LH0270636

Oil Type: GEAR OIL SAE 80W90



**ELG Canada**  
4375 CORPORATE DRIVE  
BURLINGTON, ON  
CA L7L 5P7  
Contact: Service Manager

T:  
F: (905)335-9687



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270636	LH0251686	LH	LH
Date d'échant.	12 Jul 2023	31 Jan 2023	04 Jan 2022	10 May 2021
Heures de la Machine	6035	5542	4095	3004
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	104	108	96.5	96.3
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#### CONTAMINATION

Silicium	ppm	2	4	3	3
Sodium	ppm	6	6	6	5
Potassium	ppm	<1	<1	1	<1



#### MÉTAUX D'USURE

Fer	ppm	30	48	38	27
Cuivre	ppm	13	15	16	10
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	<1	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	0	<1	<1
Molybdène	ppm	<1	0	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	<1
Manganèse	ppm	<1	1	1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	109	125	99	133
Magnésium	ppm	2	2	2	2
Zinc	ppm	83	87	68	77
Phosphore	ppm	1185	1232	1294	1239
Baryum	ppm	0	0	0	<1
Bore	ppm	241	248	252	228

#### 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. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: STR437BUR  
Unique No: 5607758  
Signed: Wes Davis  
Report Date: 18 Jul 2023



### GRAPHS

