



LIEBHERR LH40M 114405-1215 - Rear Differential

Sample No: LH0270637

Oil Type: GEAR OIL SAE 75W90



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

T:
F: (905)335-9687

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.



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270637	LH0251685	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	103	100	102	96.6
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CONTAMINATION

Silicium	ppm	2	2	2	2
Sodium	ppm	<1	1	<1	<1
Potassium	ppm	<1	0	<1	<1



MÉTAUX D'USURE

Fer	ppm	6	15	13	11
Cuivre	ppm	16	45	46	22
Plomb	ppm	<1	1	2	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	0	<1	<1	<1
Chrome	ppm	0	0	0	<1
Molybdène	ppm	0	0	0	<1
Nickel	ppm	<1	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	<1



ADDITIFS

Calcium	ppm	18	29	16	25
Magnésium	ppm	2	1	2	1
Zinc	ppm	24	41	31	26
Phosphore	ppm	1285	1298	1317	1194
Baryum	ppm	0	0	0	<1
Bore	ppm	305	314	314	305

Depot: STR437BUR
Unique No: 5607761
Signed: Wes Davis
Report Date: 18 Jul 2023



GRAPHS

