

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(354957)] LIEBHERR R918LC 053128-1721 - Right Final Drive

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH	LH0260748	LH0239157	LH
Date d'échant.	19 Feb 2024	15 May 2023	19 Aug 2022	05 May 2022
Heures de la Machine	3908	2992	1980	0
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	ABNORMAL	ABNORMAL	NORMAL	SEVERE

**Polyexcave Inc.**  
787 Ch. Du Moine  
St-Anne de Sorel, QC  
CA J3P 5N3  
Contact: Service Manager



#### ÉTAT D'HUILE

Visc 40°C	cSt	178	178	180	175

T:  
F:



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	215	220	82	462
Sodium	ppm	18	18	10	35
Potassium	ppm	17	16	6	35

#### Diagnostic

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.



#### MÉTAUX D'USURE

PQ		---	---	---	648
Fer	ppm	415	365	213	793
Cuivre	ppm	<1	<1	<1	<1
Plomb	ppm	<1	0	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	54	60	22	111
Chrome	ppm	5	5	4	11
Molybdène	ppm	0	0	<1	<1
Nickel	ppm	2	2	2	3
Titane	ppm	3	5	2	7
Argent	ppm	0	0	0	0
Manganèse	ppm	4	4	2	9
Vanadium	ppm	0	<1	0	<1



#### ADDITIFS

Calcium	ppm	45	40	24	80
Magnésium	ppm	11	11	5	28
Zinc	ppm	12	8	21	15
Phosphore	ppm	2248	2480	2193	2349
Baryum	ppm	0	0	<1	<1
Bore	ppm	<1	2	1	2

**Depot:** POLSTA  
**Unique No:** 5736138  
**Signed:** Kevin Marson  
**Report Date:** 29 Feb 2024



### GRAPHS

