



### LIEBHERR LR636 018206-1275 - Right Final Drive

Sample No: LH0270253

Oil Type: GEAR OIL SAE 90W140



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270253	LH0195799	LH0178615	---
Date d'échant.	18 Sep 2023	02 Jun 2021	15 Oct 2020	---
Heures de la Machine	0	2657	1682	---
Heures de l'huile	0	0	0	---
Huile changée	N/A	Not Changd	Not Changd	---
Statut de l'échant.	SEVERE	NORMAL	NORMAL	---

#### CON-DRAIN LTD.

30 FLORAL PARKWAY  
 CONCORD, ON  
 CA L4K 4R1  
 Contact: B BAXTER  
 B.BAXTER@CONDRAIN.COM  
 T:  
 F:



#### ÉTAT D'HUILE

Visc 40°C	cSt	276	332	314	---
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#### CONTAMINATION

Silicium	ppm	39	12	3	---
Sodium	ppm	4	2	6	---
Potassium	ppm	6	2	2	---



#### MÉTAUX D'USURE

PQ		205	---	---	---
Fer	ppm	962	58	82	---
Cuivre	ppm	526	11	26	---
Plomb	ppm	13	<1	1	---
Étain	ppm	44	<1	1	---
Aluminium	ppm	7	2	<1	---
Chrome	ppm	5	<1	1	---
Molybdène	ppm	2	<1	<1	---
Nickel	ppm	3	<1	<1	---
Titane	ppm	<1	<1	0	---
Argent	ppm	0	<1	<1	---
Manganèse	ppm	8	<1	1	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

Calcium	ppm	40	10	21	---
Magnésium	ppm	12	2	3	---
Zinc	ppm	132	12	25	---
Phosphore	ppm	866	931	1122	---
Baryum	ppm	4	1	77	---
Bore	ppm	130	236	2	---

#### Diagnostic

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Copper and tin ppm levels are severe. Lead and iron ppm levels are abnormal. Bearing and/or bushing wear is indicated. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: CON30CON  
 Unique No: 5644706  
 Signed: Bill Quesnel  
 Report Date: 20 Sep 2023



### GRAPHS

