



### LIEBHERR R966 048797 - Right Final Drive

Sample No: LH

Oil Type: Final Drive Oil



#### Information sur l'échantillon

Numéro d'échant.	LH	---	---	---
Date d'échant.	17 Apr 2023	---	---	---
Heures de la Machine	1611	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	N/A	---	---	---
Statut de l'échant.	NORMAL	---	---	---

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#### État d'huile

Visc 40°C	cSt	● 194	---	---	---
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#### Contamination

Eau	%	NEG	---	---	---
Silicium	ppm	● 39	---	---	---
Sodium	ppm	● 9	---	---	---
Potassium	ppm	● 4	---	---	---



#### Métaux d'usure

Fer	ppm	● 178	---	---	---
Cuivre	ppm	● <1	---	---	---
Plomb	ppm	● 0	---	---	---
Étain	ppm	● 0	---	---	---
Aluminium	ppm	● 4	---	---	---
Chrome	ppm	● 2	---	---	---
Molybdène	ppm	● 0	---	---	---
Nickel	ppm	● 2	---	---	---
Titane	ppm	<1	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	● 3	---	---	---
Vanadium	ppm	<1	---	---	---



#### Additifs

Calcium	ppm	● 203	---	---	---
Magnésium	ppm	● 3	---	---	---
Zinc	ppm	● 24	---	---	---
Phosphore	ppm	● 2272	---	---	---
Baryum	ppm	● 0	---	---	---
Bore	ppm	● 1	---	---	---

#### Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80W90 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. The fluid was specified as (GENERIC COMPONENT) Final Drive Oil, however, a fluid match indicates that this fluid is SAE 80W90 Gear Oil. Please confirm the oil type and grade on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 80W90 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

**Depot:** LIERIC  
**Unique No:** 5565173  
**Signed:** Kevin Marson  
**Report Date:** 18 Apr 2023



### Graphs

