

LIEBHERR

CONSTRUCTION EQUIPMENT



[(365443)] LIEBHERR R966 054115-1783 - Left Final Drive

Sample No: LH0281439

Oil Type: NOT GIVEN



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0281439	---	---	---
Date d'échant.	28 Nov 2023	---	---	---
Heures de la Machine	2884	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Not Changd	---	---	---
Statut de l'échant.	SEVERE	---	---	---

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	219	---	---	---
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CONTAMINATION

Eau	%	0.245	---	---	---
Silicium	ppm	2637	---	---	---
Sodium	ppm	139	---	---	---
Potassium	ppm	218	---	---	---



MÉTAUX D'USURE

PQ		2093	---	---	---
Fer	ppm	4037	---	---	---
Cuivre	ppm	6	---	---	---
Plomb	ppm	2	---	---	---
Étain	ppm	0	---	---	---
Aluminium	ppm	597	---	---	---
Chrome	ppm	49	---	---	---
Molybdène	ppm	3	---	---	---
Nickel	ppm	17	---	---	---
Titane	ppm	36	---	---	---
Argent	ppm	<1	---	---	---
Manganèse	ppm	44	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIFS

Calcium	ppm	1605	---	---	---
Magnésium	ppm	162	---	---	---
Zinc	ppm	22	---	---	---
Phosphore	ppm	1123	---	---	---
Baryum	ppm	3	---	---	---
Bore	ppm	5	---	---	---

Diagnostic

We advise that you check for the source of water entry. We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you flush the component thoroughly before re-filling with oil. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Chromium and iron ppm levels are severe. PQ levels are severe. Nickel ppm levels are abnormal. Aluminum ppm levels are noted. Titanium ppm levels are marginal. Gear wear is indicated. The very high ferrous density (PQ) index indicates that severe wear is occurring. There is a moderate concentration of water present in the oil. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. High amount of ingressed dirt has caused abrasive wear to the component. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: CON30CON
 Unique No: 5684736
 Signed: Kevin Marson
 Report Date: 30 Nov 2023



GRAPHS

