

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 077068-1758 - Front Right Wheel Hub

Sample No: LH0290874

Oil Type: GEAR OIL SAE 80W90



Information sur l'échantillon

Numéro d'échant.	LH0290874	---	---	---
Date d'échant.	13 Jun 2024	---	---	---
Heures de la Machine	0	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	N/A	---	---	---
Statut de l'échant.	ABNORMAL	---	---	---

Sintra Inc. (division Ouest)
 9975 rue de Chateaufort, Local B
 Brossard, QC
 CA J4Z 3V6
 Contact: Service Manager
 jonathan.smith@sintra.ca
 T:
 F:



État d'huile

Visc 40°C	cSt	● 192	---	---	---
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Contamination

Eau	%	NEG	---	---	---
Silicium	ppm	● 34	---	---	---
Sodium	ppm	● 7	---	---	---
Potassium	ppm	● 0	---	---	---



Métaux d'usure

PQ		● 649	---	---	---
Fer	ppm	● 584	---	---	---
Cuivre	ppm	● 165	---	---	---
Plomb	ppm	● 4	---	---	---
Étain	ppm	● 11	---	---	---
Aluminium	ppm	● 2	---	---	---
Chrome	ppm	● 4	---	---	---
Molybdène	ppm	● 0	---	---	---
Nickel	ppm	● 10	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	35	---	---	---
Vanadium	ppm	0	---	---	---



Additifs

Calcium	ppm	● 6	---	---	---
Magnésium	ppm	● 5	---	---	---
Zinc	ppm	● 40	---	---	---
Phosphore	ppm	● 2245	---	---	---
Baryum	ppm	● <1	---	---	---
Bore	ppm	● 3	---	---	---

Diagnostic

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 recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm. Copper, nickel and tin ppm levels are abnormal. Bearing and/or bushing wear is indicated. We have assumed that this component is not breaking in (age of component not reported). There is a moderate concentration of dirt present in the oil. 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: SINBRO
Unique No: 5799602
Signed: Kevin Marson
Report Date: 17 Jun 2024



Graphs

