

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L566 053535-1484 - Rear Differential

Sample No: LH0261061

Oil Type: GEAR OIL SAE 80W90



Les Entreprises Forestieres V. Labranche Inc.  
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TEMISCAMIGUE, QC  
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#### SAMPLE INFORMATION

Sample Number	LH0261061	LH0152887	---	---
Sample Date	24 Jul 2023	13 Nov 2020	---	---
Machine Hours	15943	4779	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	101	● 191	---	---
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#### CONTAMINATION

Silicon	ppm	● <1	● 20	---	---
Sodium	ppm	● <1	● 6	---	---
Potassium	ppm	● <1	● <1	---	---



#### WEAR METALS

Iron	ppm	● 26	● 223	---	---
Copper	ppm	● 4	● 102	---	---
Lead	ppm	● 0	● 3	---	---
Tin	ppm	● 0	● 3	---	---
Aluminum	ppm	● <1	● 1	---	---
Chromium	ppm	● <1	● 2	---	---
Molybdenum	ppm	● 2	● 12	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	● <1	31	---	---
Vanadium	ppm	0	<1	---	---



#### ADDITIVES

Calcium	ppm	● 14	● 10	---	---
Magnesium	ppm	● 10	● 4	---	---
Zinc	ppm	● 23	● 40	---	---
Phosphorus	ppm	● 965	● 2187	---	---
Barium	ppm	● <1	● 2	---	---
Boron	ppm	● 120	● 3	---	---

#### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 75W90; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Depot: LABTEM  
Unique No: 5618108  
Signed: Kevin Marson  
Report Date: 28 Jul 2023



### GRAPHS

