

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(351038)] LIEBHERR L586 053097-1334 - Front Differential

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH	LH0235131	LH0213634	---
Sample Date	25 Jul 2023	19 Oct 2022	13 Sep 2021	---
Machine Hours	8690	7220	4615	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

**UNIROC**  
5605 ROUTE ARTHUR SAUVE  
MIRABEL, QC  
CA J7N 2Z9  
Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	179	177	193	---
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T:  
F:



#### CONTAMINATION

Silicon	ppm	4	8	9	---
Sodium	ppm	2	4	4	---
Potassium	ppm	<1	<1	<1	---

#### 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. L'état de l'huile est acceptable pour la durée de service.



#### WEAR METALS

Iron	ppm	156	359	310	---
Copper	ppm	68	140	102	---
Lead	ppm	1	3	3	---
Tin	ppm	3	7	6	---
Aluminum	ppm	2	3	4	---
Chromium	ppm	1	3	2	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	4	9	8	---
Vanadium	ppm	0	<1	<1	---



#### ADDITIVES

Calcium	ppm	11	31	19	---
Magnesium	ppm	1	1	1	---
Zinc	ppm	36	54	59	---
Phosphorus	ppm	2422	2471	2445	---
Barium	ppm	0	0	0	---
Boron	ppm	3	2	2	---

Depot: UNI560MIR  
Unique No: 5618323  
Signed: Wes Davis  
Report Date: 31 Jul 2023



### GRAPHS

