

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L546 071748-1755 - Front Differential

Sample No: LH0259423

Oil Type: GEAR OIL SAE 80W90



Recyclage de Metaux Integre Inc. - RMI Inc.  
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#### SAMPLE INFORMATION

Sample Number	LH0259423	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	1400	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 189	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 13	---	---	---
Sodium	ppm	● 11	---	---	---
Potassium	ppm	● 3	---	---	---



#### WEAR METALS

Iron	ppm	● 161	---	---	---
Copper	ppm	● 1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 14	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 26	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 17	---	---	---
Phosphorus	ppm	● 2216	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 1	---	---	---

#### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indique que ce fluide est du (GENERIC) GEAR OIL SAE 80W90. Veuillez confirmer. 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.

Depot: REC470SAI  
Unique No: 5724183  
Signed: Wes Davis  
Report Date: 13 Feb 2024



### GRAPHS

