

LIEBHERR

CONSTRUCTION EQUIPMENT



[(350505)] LIEBHERR L566 063481-1758 - Front Differential

Sample No: LH0202314

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0202314	LH0202301	---	---
Sample Date	12 May 2023	06 Jan 2022	---	---
Machine Hours	2312	1097	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

PAVAGES MASKA INC.
 3450 BOULEVARD CHOQUETTE
 SAINT-HYACINTHE, QC
 CA J2S 8V9
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	81.1	● 195	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	● 8	● 25	---	---
Sodium	ppm	● 2	● 8	---	---
Potassium	ppm	● <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. La viscosité de l'échantillon se situe dans la portée de l'SAE 80; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	● 151	● 570	---	---
Copper	ppm	● 98	● 209	---	---
Lead	ppm	● 2	● 8	---	---
Tin	ppm	● 3	● 15	---	---
Aluminum	ppm	● <1	● 3	---	---
Chromium	ppm	● <1	● 4	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 1	● 6	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 9	43	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 8	● 10	---	---
Magnesium	ppm	● <1	● 4	---	---
Zinc	ppm	● 21	● 60	---	---
Phosphorus	ppm	● 2352	● 2240	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	● 68	● 3	---	---

Depot: PAVSAI
Unique No: 5618876
Signed: Kevin Marson
Report Date: 03 Aug 2023



GRAPHS

