

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353448)] LIEBHERR L566 064106-1758 - Front Differential

Sample No: LH0208465

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0208465	LH0208439	---	---
Sample Date	06 Dec 2023	10 Jan 2022	---	---
Machine Hours	2606	778	---	---
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	83.5	● 194	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 4	● 35	---	---
Sodium	ppm	● 4	● 11	---	---
Potassium	ppm	● 2	● <1	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. 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. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'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	● 106	● 790	---	---
Copper	ppm	● 29	● 245	---	---
Lead	ppm	● <1	● 8	---	---
Tin	ppm	● 1	● 16	---	---
Aluminum	ppm	● <1	● 3	---	---
Chromium	ppm	● <1	● 6	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● <1	● 11	---	---
Titanium	ppm	● 0	● 0	---	---
Silver	ppm	● <1	● <1	---	---
Manganese	ppm	● 4	● 66	---	---
Vanadium	ppm	● 0	● 0	---	---



ADDITIVES

Calcium	ppm	● 4	● 10	---	---
Magnesium	ppm	● <1	● <1	---	---
Zinc	ppm	● 9	● 56	---	---
Phosphorus	ppm	● 3191	● 2249	---	---
Barium	ppm	● <1	● 0	---	---
Boron	ppm	● 80	● 8	---	---

Depot: PAVSAI
Unique No: 5695754
Signed: Kevin Marson
Report Date: 12 Dec 2023



GRAPHS

