

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 048608-1334 - Front Differential

Sample No: LH0249892

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0249892	LH0246544	LH0246552	LH0250021
Sample Date	12 Jul 2023	11 May 2023	30 Apr 2023	01 Mar 2023
Machine Hours	18105	17103	15000	16000
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

NEXOLIA, CHAPAIS ENERGIE SEC
 140 RUE DE LA CONGENERATION
 CHAPAIS, QC
 CA G0W 1H0
 Contact: Carl Adams



OIL CONDITION

Visc @ 40°C	cSt	180	183	180	192
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T: (418)745-2521
 F: (418)745-3680



CONTAMINATION

Silicon	ppm	<1	1	1	2
Sodium	ppm	2	1	1	2
Potassium	ppm	0	0	0	<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	37	40	79	71
Copper	ppm	6	8	9	14
Lead	ppm	0	<1	<1	0
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	14	<1	2	4
Magnesium	ppm	<1	0	<1	<1
Zinc	ppm	15	7	4	9
Phosphorus	ppm	2303	2517	2492	2393
Barium	ppm	0	0	0	0
Boron	ppm	2	2	1	3

Depot: CHA140CHA
 Unique No: 5617520
 Signed: Wes Davis
 Report Date: 26 Jul 2023



GRAPHS

