

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 048529-1334 - Rear Differential

Sample No: LH0163403

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0163403	LH0227151	LH0202380	LH0163364
Sample Date	19 Dec 2023	10 Mar 2022	05 Oct 2021	19 Jan 2021
Machine Hours	3763	0	3567	2441
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GABRIEL AUBE INC

195 3E AVENUE E

LA SARRE, QC

CA J9Z 2K6

Contact: Richard Plurde

richard@gabrielaubeinc.ca

T: (819)333-2460

F:



#### OIL CONDITION

Visc @ 40°C	cSt	187	189	190	193
-------------	-----	-----	-----	-----	-----



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	6	4	6
Sodium	ppm	2	5	3	4
Potassium	ppm	<1	<1	<1	<1



#### WEAR METALS

Iron	ppm	52	113	47	101
Copper	ppm	40	70	59	95
Lead	ppm	1	3	2	3
Tin	ppm	2	5	2	4
Aluminum	ppm	<1	1	<1	<1
Chromium	ppm	<1	1	<1	1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	1	10	4	12
Vanadium	ppm	0	0	0	<1



#### ADDITIVES

Calcium	ppm	8	4	5	9
Magnesium	ppm	3	<1	<1	<1
Zinc	ppm	23	39	36	61
Phosphorus	ppm	2262	2446	2333	2306
Barium	ppm	0	0	0	0
Boron	ppm	2	1	3	2

#### 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.

Depot: GABLAS

Unique No: 5709696

Signed: Wes Davis

Report Date: 12 Jan 2024



### GRAPHS

