

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 053565-1332 - Rear Differential

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH	LH0189233	LH0224103	LH0246671
Sample Date	12 Jan 2024	02 Jun 2023	03 Mar 2023	25 Nov 2022
Machine Hours	16000	14035	13047	11965
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	190	179	185	185

T: (418)745-2521
 F: (418)745-3680



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	1	4	3
Sodium	ppm	1	1	1	2
Potassium	ppm	<1	0	0	0

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	44	19	70	54
Copper	ppm	14	15	23	16
Lead	ppm	0	<1	<1	<1
Tin	ppm	<1	<1	1	1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	2	1	3	3
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	4	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3	0	6	2
Magnesium	ppm	<1	0	0	<1
Zinc	ppm	9	7	8	7
Phosphorus	ppm	2285	2402	2414	2468
Barium	ppm	0	0	<1	0
Boron	ppm	<1	1	1	3

Depot: CHA140CHA
 Unique No: 5710563
 Signed: Wes Davis
 Report Date: 17 Jan 2024

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GRAPHS

