

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 054860-1332 - Front Differential

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH	LH	LH0153028	LH0246664
Sample Date	08 Dec 2023	18 Jul 2023	14 Apr 2023	20 Jan 2023
Machine Hours	15000	13966	13063	12018
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GROUPE LIGNAREX INC.
 7700 CHEMIN DE LA BATTURE
 LA BAIE, QC
 CA G7B 3P6
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	158	161	186	187

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	1	1	2
Sodium	ppm	2	1	1	1
Potassium	ppm	0	<1	<1	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	55	39	57	90
Copper	ppm	9	6	7	7
Lead	ppm	<1	<1	0	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	<1	<1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	3	4	10	14
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	14	15	6	10
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	65	71	24	6
Phosphorus	ppm	2183	2323	2373	2389
Barium	ppm	<1	<1	<1	0
Boron	ppm	1	1	<1	2

Depot: GROLAB
 Unique No: 5695982
 Signed: Wes Davis
 Report Date: 13 Dec 2023



GRAPHS

