

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 040973-1168 - Rear Differential

Sample No: LH

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH	LH	LH0186701	LH
Sample Date	23 Jan 2024	21 Jan 2022	09 Feb 2021	17 Jun 2020
Machine Hours	7467	0	0	0
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Sablere Rougemont

2265 ave Industrielle

Marieville, QC

CA J3M 1J5

Contact: Luc Mailloux



OIL CONDITION

Visc @ 40°C	cSt	92.7	96.6	93.8	101
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T: (450)460-3964

F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	4
Sodium	ppm	<1	<1	<1	4
Potassium	ppm	1	<1	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	126	62	42	82
Copper	ppm	5	1	<1	2
Lead	ppm	0	0	0	0
Tin	ppm	0	<1	0	0
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	8	9	7	20
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	17	8	8	61
Magnesium	ppm	2	2	1	3
Zinc	ppm	10	7	7	40
Phosphorus	ppm	1897	2130	2440	2073
Barium	ppm	0	0	0	<1
Boron	ppm	302	303	307	276

Depot: SAB226MAR

Unique No: 5720324

Signed: Wes Davis

Report Date: 25 Jan 2024



GRAPHS

