

LIEBHERR

CONSTRUCTION EQUIPMENT



[(39749)] 068411-1203 - Rear Differential

Sample No: LH0203790

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0203790	LH0221495	---	---
Sample Date	25 Feb 2022	19 Jan 2022	---	---
Machine Hours	8758	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	SEVERE	---	---

American Iron and Metal

2291 Avenue Larivieres

Rouyn-Noranda, QC

CA J9Y 0G7

Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	172	89.4	---	---
-------------	-----	-----	------	-----	-----

T:

F:



CONTAMINATION

Silicon	ppm	<1	10	---	---
Sodium	ppm	1	6	---	---
Potassium	ppm	<1	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 le l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	2	44	---	---
Copper	ppm	7	582	---	---
Lead	ppm	<1	17	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	7	20	---	---
Magnesium	ppm	0	<1	---	---
Zinc	ppm	9	310	---	---
Phosphorus	ppm	2202	1290	---	---
Barium	ppm	0	4	---	---
Boron	ppm	3	289	---	---

Depot: AIMROU

Unique No: 5360097

Signed: Wes Davis

Report Date: 02 Mar 2022



GRAPHS

