

LIEBHERR

CONSTRUCTION EQUIPMENT



[(39749)] 068411-1203 - Front Differential

Sample No: LH0203789

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0203789	LH0221497	---	---
Sample Date	25 Feb 2022	19 Jan 2022	---	---
Machine Hours	16758	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	60.4	---	---
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T:

F:



CONTAMINATION

Water	%	0.025	---	---	---
Silicon	ppm	<1	5	---	---
Sodium	ppm	1	17	---	---
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. La teneur en eau est négligeable. 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	3	100	---	---
Copper	ppm	7	243	---	---
Lead	ppm	0	8	---	---
Tin	ppm	0	5	---	---
Aluminum	ppm	0	3	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	15	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	7	2303	---	---
Magnesium	ppm	<1	62	---	---
Zinc	ppm	9	1228	---	---
Phosphorus	ppm	2287	1155	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	2	5	---	---

Depot: AIMROU

Unique No: 5360098

Signed: Wes Davis

Report Date: 03 Mar 2022



GRAPHS

