

LIEBHERR

CONSTRUCTION EQUIPMENT



28550 - Rear Differential

Sample No: LH0289855

Oil Type: {unknown}



Sample Information

Sample Number	LH0289855	LH0227197	---	---
Sample Date	10 May 2024	04 Apr 2022	---	---
Machine Hours	8963	8200	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

American Iron and Metal

200 rue Nadon

Amos, QC

CA J9T 3A1

Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	● 147	● 89.3	---	---
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T:

F:



Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 2	● 4	---	---
Sodium	ppm	● 6	● <1	---	---
Potassium	ppm	● 4	● <1	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon. 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	● 66	● 77	---	---
Copper	ppm	● <1	● <1	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● <1	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	37	59	---	---
Nickel	ppm	● 0	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	● 1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	8	● 11	---	---
Magnesium	ppm	<1	● <1	---	---
Zinc	ppm	36	25	---	---
Phosphorus	ppm	2577	● 3745	---	---
Barium	ppm	<1	● 0	---	---
Boron	ppm	77	298	---	---

Depot: AIMAMO

Unique No: 5776183

Signed: Wes Davis

Report Date: 13 May 2024



Graphs

