

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 073089 - Rear Axle

Sample No: LH0279260

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0279260	---	---	---
Sample Date	08 Jan 2024	---	---	---
Machine Hours	1707	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

LIEBHERR CANADA LTEE
 4250 AUTOROUTE CHOMEDEY 13
 LAVAL, QC
 CA H7R 6E9
 Contact: Stephane Plourde
 Stephane.Plourde@liebherr.com
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OIL CONDITION

Visc @ 40°C	cSt	● 186	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 15	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● <1	---	---	---



WEAR METALS

Iron	ppm	● 226	---	---	---
Copper	ppm	● 109	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● 7	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 3	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	21	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 13	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	29	---	---	---
Phosphorus	ppm	● 2280	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 1	---	---	---

Diagnosis

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Confirm the source of the lubricant being utilized for top-up/fill. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Usure de palier et (ou) de douille. Il n'y a aucun indice de contamination dans l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Depot: LIESTL
Unique No: 5709061
Signed: Kevin Marson
Report Date: 11 Jan 2024



GRAPHS

