

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH18M 133780-1840 - Front Differential

Sample No: LH0282605

Oil Type: LIEBHERR GEAR BASIC 90 LS



SERVICES SANITAIRES ST-ANTOINE INC
16600 RTE SIR WILFRID-LAURIER
MIRABEL, QC
CA J7J 2G3
Contact: Service Manager



Information sur l'échantillon

Numéro d'échant.	LH0282605	LH0261201	LH0250901	---
Date d'échant.	24 Apr 2024	01 Sep 2023	30 Jan 2023	---
Heures de la Machine	3952	2973	1835	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---



État d'huile

Visc 40°C	cSt	101	96.2	99.6	---
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Contamination

Eau	%	NEG	NEG	NEG	---
Silicium	ppm	<1	2	1	---
Sodium	ppm	4	<1	<1	---
Potassium	ppm	6	<1	0	---



Métaux d'usure

Fer	ppm	14	13	7	---
Cuivre	ppm	<1	<1	<1	---
Plomb	ppm	0	0	<1	---
Étain	ppm	0	0	<1	---
Aluminium	ppm	0	<1	0	---
Chrome	ppm	0	<1	0	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	0	0	<1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	1	---
Manganèse	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



Additifs

Calcium	ppm	72	75	78	---
Magnésium	ppm	2	3	2	---
Zinc	ppm	35	42	40	---
Phosphore	ppm	1359	1293	1352	---
Baryum	ppm	0	0	0	---
Bore	ppm	261	312	325	---

T:
F:

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: SERMIR
Unique No: 5774007
Signed: Wes Davis
Report Date: 02 May 2024



Graphs

