

LIEBHERR

CONSTRUCTION EQUIPMENT



[(354956)] LIEBHERR A922 128674-1509 - Front Differential

Sample No: LH

Oil Type: GEAR OIL SAE 75W90



Information sur l'échantillon

Numéro d'échant.	LH	LH0274091	LH0238911	LH0225477
Date d'échant.	18 Apr 2024	01 Sep 2023	20 Jan 2023	20 May 2022
Heures de la Machine	3800	2993	2095	1163
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

Transec Common Inc.
2075 Boul. Fortin
Laval, QC
CA H7S 1P4
Contact: Service Manager



État d'huile

Visc 40°C	cSt	189	173	178	184

T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	<1	1	2	6
Sodium	ppm	1	1	4	5
Potassium	ppm	0	<1	0	<1

Diagnostic

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.



Métaux d'usure

Fer	ppm	8	17	31	31
Cuivre	ppm	3	8	10	11
Plomb	ppm	0	<1	<1	2
Étain	ppm	0	0	0	<1
Aluminium	ppm	0	<1	<1	<1
Chrome	ppm	0	0	0	<1
Molybdène	ppm	0	0	0	<1
Nickel	ppm	0	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	1	2
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	6	4	6	6
Magnésium	ppm	<1	<1	<1	<1
Zinc	ppm	4	7	9	11
Phosphore	ppm	2245	2387	2441	1169
Baryum	ppm	<1	<1	11	367
Bore	ppm	<1	<1	2	3

Depot: TRA207LAV
Unique No: 5772207
Signed: Kevin Marson
Report Date: 23 Apr 2024

Submitted By: Olivier Duceppe



Graphs

