

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 14791 - Front Differential

Sample No: LH0260759

Oil Type: CHEVRON DELO GEAR ESI OIL 80W90



SAMPLE INFORMATION

Sample Number	LH0260759	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	21000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

INTERFOR CORP

5060 RTE 430
BRUNSWICK MINE, NB
CA E2A 6W6
Contact: Daniel Hachey
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OIL CONDITION

Visc @ 40°C	cSt	● 129	---	---	---
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CONTAMINATION

Silicon	ppm	● 8	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	● 11	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 22	---	---	---
Magnesium	ppm	● 4	---	---	---
Zinc	ppm	● 13	---	---	---
Phosphorus	ppm	● 1706	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 308	---	---	---

Depot: BATBRU
Unique No: 5659763
Signed: Wes Davis
Report Date: 20 Oct 2023



GRAPHS

