

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 68394 - Front Differential

Sample No: LH0287927

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0287927	---	---	---
Sample Date	08 Jun 2024	---	---	---
Machine Hours	3218	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

MODERN CONSTRUCTION (1983) LTD.
 364 BRIGGS CROSS ROAD
 STILESVILLE, NB
 CA E1G 3G3
 Contact: Blaine Cail
 blaine.cail@moderngroup.ca
 T:
 F:



Oil Condition

Visc @ 40°C	cSt	● 180	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 6	---	---	---
Sodium	ppm	● 3	---	---	---
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	● 54	---	---	---
Copper	ppm	● 21	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 2	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 6	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 2	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 25	---	---	---
Phosphorus	ppm	● 2262	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● <1	---	---	---

Depot: MODSTI
Unique No: 5799019
Signed: Wes Davis
Report Date: 12 Jun 2024



Graphs

