

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362421)] LIEBHERR R936 052811-1828 - Left Final Drive

Sample No: LH0260930

Oil Type: GEAR OIL SAE 80W90



10 CHEMIN DU PETIT BERNIER
ST-JEAN-SUR-RICHELIEU, QC
CA J3B 6Y8
Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0260930	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	1144	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 196	---	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	● 273	---	---	---
Sodium	ppm	● 16	---	---	---
Potassium	ppm	● 29	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm. 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	● 282	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 82	---	---	---
Chromium	ppm	● 4	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 2	---	---	---
Titanium	ppm	● 5	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 4	---	---	---
Vanadium	ppm	● <1	---	---	---



ADDITIVES

Calcium	ppm	● 124	---	---	---
Magnesium	ppm	● 26	---	---	---
Zinc	ppm	● 8	---	---	---
Phosphorus	ppm	● 2260	---	---	---
Barium	ppm	● 3	---	---	---
Boron	ppm	● 2	---	---	---

Depot: PYR10STJ
Unique No: 5604657
Signed: Kevin Marson
Report Date: 30 Jun 2023



GRAPHS

