

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR HS8100 184947 - Distribution Gear

Sample No: LH0278871

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0278871	---	---	---
Sample Date	26 Jan 2024	---	---	---
Machine Hours	15056	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

HIGGS & HIGGS

RR # 4
ST THOMAS, ON
CA N5P 3S8
Contact: Bernie Higgs



OIL CONDITION

Visc @ 40°C	cSt	71.8	---	---	---
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T: (519)631-4095
F: (519)631-2745



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 80 Gear Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. 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	8	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	83	---	---	---
Magnesium	ppm	33	---	---	---
Zinc	ppm	158	---	---	---
Phosphorus	ppm	733	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	53	---	---	---

Depot: HIGSTT
Unique No: 5721315
Signed: Bill Quesnel
Report Date: 31 Jan 2024



GRAPHS

