

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR HS895 188244 - Rear Winch

Sample No: LH0289541
 Oil Type: GEAR OIL SAE 80



Sample Information

Sample Number	LH0289541	---	---	---
Sample Date	10 May 2024	---	---	---
Machine Hours	21278	---	---	---
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	79.8	---	---	---
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T: (519)631-4095
 F: (519)631-2745



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	1	---	---	---
Sodium	ppm	8	---	---	---
Potassium	ppm	11	---	---	---

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 80. 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	24	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	8	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	8	---	---	---
Phosphorus	ppm	774	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	36	---	---	---

Depot: HIGSTT
 Unique No: 5801743
 Signed: Wes Davis
 Report Date: 26 Jun 2024



Graphs

