

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 65883 - Splitter Box

Sample No: LH0281163

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0281163	---	---	---
Sample Date	06 Dec 2023	---	---	---
Machine Hours	2967	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Liebherr Canada

140 - 21320 Gordon Way

Richmond, BC

CA V6W 1J8

Contact: Kendra Curtis

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OIL CONDITION

Visc @ 40°C	cSt	116	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	3	---	---	---



WEAR METALS

Iron	ppm	25	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	306	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	287	---	---	---
Phosphorus	ppm	1822	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	5	---	---	---

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. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: LIERIC

Unique No: 5697816

Signed: Kevin Marson

Report Date: 21 Dec 2023



GRAPHS

