

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 71443 - Splitter Box

Sample No: LH0274869

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0274869	---	---	---
Sample Date	25 Sep 2023	---	---	---
Machine Hours	714	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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 CA L7L 5Z8
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OIL CONDITION

Visc @ 40°C	cSt	● 187	---	---	---
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CONTAMINATION

Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 9	---	---	---
Potassium	ppm	● 7	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

PQ		● 0	---	---	---
Iron	ppm	● 156	---	---	---
Copper	ppm	● 1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 2	---	---	---
Nickel	ppm	● 11	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● 5	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 29	---	---	---
Magnesium	ppm	● 13	---	---	---
Zinc	ppm	● 85	---	---	---
Phosphorus	ppm	● 2185	---	---	---
Barium	ppm	● 8	---	---	---
Boron	ppm	● 6	---	---	---

Depot: LIEMIS
 Unique No: 5646361
 Signed: Kevin Marson
 Report Date: 27 Sep 2023



GRAPHS

