

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 080458-1760 - Splitter Box

Sample No: LHMC165935

Oil Type: GEAR OIL SAE 80W90



Sample Information

Sample Number	LHMC165935	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	88	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

AMERICAN STATE EQUIPMENT CO.
 2055 SOUTH 108TH STREET
 MILWAUKEE, WI
 US 53227
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Oil Condition

Visc @ 40°C	cSt	● 164	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 8	---	---	---
Potassium	ppm	● 305	---	---	---

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. The condition of the oil is acceptable for the time in service.



Wear Metals

Iron	ppm	● 44	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 16	---	---	---
Nickel	ppm	● 7	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	● <1	---	---	---



Additives

Calcium	ppm	● 91	---	---	---
Magnesium	ppm	● 10	---	---	---
Zinc	ppm	● 48	---	---	---
Phosphorus	ppm	● 1942	---	---	---
Barium	ppm	● 10	---	---	---
Boron	ppm	● 234	---	---	---

Depot: LEC0007
 Unique No: 11057934
 Signed: Don Baldrige
 Report Date: 02 Jun 2024



Graphs

