

LIEBHERR

CONSTRUCTION EQUIPMENT



C17391(S/N 68573) - Transmission

Sample No: LH0217124

Oil Type: ATF



SAMPLE INFORMATION

Sample Number	LH0217124	---	---	---
Sample Date	07 Mar 2024	---	---	---
Machine Hours	986	---	---	---
Oil Hours	986	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

NUECES POWER EQUIPMENT

7333 MONROE RD

HOUSTON, TX

US 77061

Contact: JAMES GATHERCOLE

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OIL CONDITION

Visc @ 40°C	cSt	● 28.2	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 11	---	---	---
Sodium	ppm	● 8	---	---	---
Potassium	ppm	● 6	---	---	---



WEAR METALS

Iron	ppm	● 272	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● <1	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 4	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 361	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 102	---	---	---
Phosphorus	ppm	● 217	---	---	---
Barium	ppm	● 6	---	---	---
Boron	ppm	● 49	---	---	---

Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The iron level is abnormal. All other metal levels are typical for a new component breaking in. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: LIEBHERRTX

Unique No: 10940093

Signed: Don Baldrige

Report Date: 25 Mar 2024



GRAPHS

