

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 049679-1334 - Transmission

Sample No: LHMC133774

Oil Type: LIEBHERR GEAR MF 80W



SAMPLE INFORMATION

Sample Number	LHMC133774	---	---	---
Sample Date	30 Oct 2023	---	---	---
Machine Hours	6436	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

TRI-CON MATERIALS INC
 13559 PRAIRIE IND PKWY
 HENNEPIN, IL
 US 61327
 Contact: TIM FRAZIER



OIL CONDITION

Visc @ 40°C	cSt	● 50.2	---	---	---
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T: (815)303-5555
 F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 2	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	● 17	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 2809	---	---	---
Magnesium	ppm	● 4	---	---	---
Zinc	ppm	● 1255	---	---	---
Phosphorus	ppm	● 931	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	8	---	---	---

Depot: TRIHENLH
Unique No: 10756752
Signed: Jonathan Hester
Report Date: 29 Nov 2023



GRAPHS

