

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A944 038569-194 - Power Take Off

Sample No: LH0204206
 Oil Type: GEAR OIL LS 80W90



ALTER SCRAP
 2400 NORTH 14TH AVENUE
 WAUSAU, WI
 US 54401
 Contact: DALE BAUER

T: (715)675-6900
 F: (715)675-9748

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.



SAMPLE INFORMATION

Sample Number	LH0204206	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	14477	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 155	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 5	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● <1	---	---	---



WEAR METALS

Iron	ppm	● 31	---	---	---
Copper	ppm	● 5	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 60	---	---	---
Magnesium	ppm	● 9	---	---	---
Zinc	ppm	● 86	---	---	---
Phosphorus	ppm	● 1369	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 3	---	---	---

Depot: ALTWAU
 Unique No: 10833630
 Signed: Don Baldrige
 Report Date: 18 Jan 2024



GRAPHS

