

LIEBHERR

CONSTRUCTION EQUIPMENT



L90 - Transmission (Auto)

Sample No: LH0265888

Oil Type: ATF



SAMPLE INFORMATION

Sample Number	LH0265888	---	---	---
Sample Date	01 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Gerdau - Mandak Metal Processors Ltd.,
 1 Railway St., P.O. Box 334
 Selkirk, MB
 CA R1A 2B3
 Contact: Rolyn De La Cruz
 rolyn.delacruz@gerdau.com
 T:
 F: (204)482-8241



OIL CONDITION

Visc @ 40°C	cSt	● 24.0	---	---	---
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CONTAMINATION

Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● <1	---	---	---

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	● 12	---	---	---
Copper	ppm	● 4	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	68	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	16	---	---	---
Phosphorus	ppm	● 231	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 82	---	---	---

Depot: MANSEL
Unique No: 5642526
Signed: Wes Davis
Report Date: 11 Sep 2023



GRAPHS

