

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A904 056759-005 - Transmission (Manual)

Sample No: LH0265476

Oil Type: SAE 5W30



LIEBHERR CANADA LTEE
 444 AVENUE DE LA FRICHE
 DOLBEAU-MISTASSINI, QC
 CA G8L 3M7
 Contact: Luc Trottier
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SAMPLE INFORMATION

Sample Number	LH0265476	---	---	---
Sample Date	24 Oct 2023	---	---	---
Machine Hours	14788	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	92.2	---	---	---
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CONTAMINATION

Silicon	ppm	5	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	79	---	---	---
Copper	ppm	97	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	15	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	25	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	57	---	---	---
Phosphorus	ppm	1378	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	152	---	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as (GENERIC) SAE 5W30, however, a fluid match indicates that this fluid is SAE 75W90 Gear Oil. Please confirm the fluid type and grade on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the fluid is acceptable for the time in service.

Depot: LBADOL
 Unique No: 5668893
 Signed: Kevin Marson
 Report Date: 25 Oct 2023



GRAPHS

