

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [MODERN] LIEBHERR L586 74609 - Transmission (Manual)

Sample No: LH0284818

Oil Type: PETRO CANADA DURATRAN



#### SAMPLE INFORMATION

Sample Number	LH0284818	LH0277031	---	---
Sample Date	02 Mar 2024	21 Oct 2023	---	---
Machine Hours	11699	1117	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

#### LIEBHERR CANADA

10 LYNDS AVENUE  
 MONCTON, NB  
 CA E1H 3K2  
 Contact: Bryan Wood  
 bryan.wood@liebherr.com  
 T:  
 F: (506)854-2940



#### OIL CONDITION

Visc @ 40°C	cSt	35.8	41.1	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	8	9	---	---
Sodium	ppm	4	14	---	---
Potassium	ppm	2	3	---	---

#### 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 fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid.



#### WEAR METALS

Iron	ppm	25	29	---	---
Copper	ppm	1	3	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	3680	3526	---	---
Magnesium	ppm	9	6	---	---
Zinc	ppm	1470	1421	---	---
Phosphorus	ppm	1249	1176	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	104	101	---	---

Depot: LIEMON  
 Unique No: 5747862  
 Signed: Kevin Marson  
 Report Date: 18 Mar 2024



### GRAPHS

