

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [MODERN] LIEBHERR L586 74609 - Splitter Box

Sample No: LH0277030

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0277030	---	---	---
Sample Date	21 Oct 2023	---	---	---
Machine Hours	1117	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

#### LIEBHERR CANADA

10 LYNDS AVENUE  
 MONCTON, NB  
 CA E1H 3K2  
 Contact: Mike Clark  
 Mike.Clark@liebherr.com  
 T: (506)854-2920  
 F: (506)854-2940



#### OIL CONDITION

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

Silicon	ppm	4	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	4	---	---	---



#### WEAR METALS

Iron	ppm	151	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	117	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	686	---	---	---
Phosphorus	ppm	1970	---	---	---
Barium	ppm	16	---	---	---
Boron	ppm	2	---	---	---

#### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 150 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 oil is acceptable for the time in service.

Depot: LIEMON  
 Unique No: 5669284  
 Signed: Kevin Marson  
 Report Date: 27 Oct 2023



### GRAPHS

