

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[50240195]] LIEBHERR LH60C79580 - Swing Drive

Sample No: LH0269692

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0269692	LH0115938	---	---
Sample Date	08 Feb 2024	16 Apr 2017	---	---
Machine Hours	14010	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

#### LIEBHERR CANADA LTD.

10374 267 ST.  
ACHESON, AB  
CA T7X 6A2  
Contact: Rodney Budzak  
rodney.budzak@liebherr.com  
T: (780)962-6799  
F: (780)962-6799



#### OIL CONDITION

Visc @ 40°C	cSt	88.6	102	---	---
-------------	-----	------	-----	-----	-----



#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	16	2	---	---
Sodium	ppm	<1	0	---	---
Potassium	ppm	<1	<1	---	---



#### WEAR METALS

Iron	ppm	72	41	---	---
Copper	ppm	125	25	---	---
Lead	ppm	3	<1	---	---
Tin	ppm	3	1	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	4152	24	---	---
Magnesium	ppm	13	3	---	---
Zinc	ppm	992	17	---	---
Phosphorus	ppm	903	899	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	10	123	---	---

#### Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. All component wear rates are normal. Free water present. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: LIESPR  
Unique No: 5724189  
Signed: Kevin Marson  
Report Date: 14 Feb 2024



### GRAPHS

