

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L566 036511-1168 - Transmission (Auto)

Sample No: LH0257432

Oil Type: PETRO CANADA ATF DEXRON III/MERCON



#### SAMPLE INFORMATION

Sample Number	LH0257432	LH	LH0178194	LH
Sample Date	14 Sep 2023	31 Oct 2020	13 Oct 2020	02 Sep 2020
Machine Hours	13830	9931	9930	9458
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**Summit Aggregates**  
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 CA N0B 1E0  
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#### OIL CONDITION

Visc @ 40°C	cSt	30.3	29.5	29.8	28.8
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#### CONTAMINATION

Silicon	ppm	3	2	2	1
Sodium	ppm	6	2	2	2
Potassium	ppm	3	<1	<1	<1



#### WEAR METALS

Iron	ppm	118	11	9	21
Copper	ppm	1	<1	<1	<1
Lead	ppm	3	1	1	2
Tin	ppm	0	<1	0	0
Aluminum	ppm	4	13	12	6
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	<1
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	504	42	43	41
Magnesium	ppm	5	8	7	2
Zinc	ppm	200	28	29	38
Phosphorus	ppm	351	207	205	211
Barium	ppm	1	0	0	0
Boron	ppm	79	85	85	86

#### 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 fluid. Additive levels indicate the addition of a different brand, or type of fluid. The condition of the fluid is acceptable for the time in service.

Depot: SUMAYR  
 Unique No: 5643953  
 Signed: Wes Davis  
 Report Date: 15 Sep 2023



### GRAPHS

