



### NO UNIT - Unknown Component

Sample No: LH  
 Oil Type: {unknown}



#### Sample Information

Sample Number	LH	LH3251737	---	---
Sample Date	07 Apr 2024	24 Oct 2017	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

**LIEBHERR CANADA LTEE**  
 444 AVENUE DE LA FRICHE  
 DOLBEAU-MISTASSINI, QC  
 CA G8L 3M7  
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#### Oil Condition

Visc @ 40°C	cSt	45.7	56.3	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	2	5	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	<1	1	---	---



#### Wear Metals

Iron	ppm	8	30	---	---
Copper	ppm	2	11	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	54	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	2	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	1178	1810	---	---
Magnesium	ppm	4	366	---	---
Zinc	ppm	834	1226	---	---
Phosphorus	ppm	669	1072	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	<1	149	---	---

#### Diagnosis

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Please provide more complete information on your next sample. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the component make and model with your next sample. All component wear rates are normal. There is no indication of any contamination in the component (unconfirmed). The condition of the sample is acceptable for the time in service.

Depot: LBADOL  
 Unique No: 5760523  
 Signed: Kevin Marson  
 Report Date: 09 Apr 2024



### Graphs

