## LIEBHERR

### **CONSTRUCTION EQUIPMENT**



Sample No: LH0284903
Oil Type: {unknown}

<b>5</b>					
SAMF	PLE INFOR	MATION			
Sample Number		LH0284903			
Sample Date		08 Feb 2024			
Machine Hours		8331			
Oil Hours		0			
Oil Changed		Not Changd			
Sample Status		ABNORMAL			
OIL CONDITION					
Visc @ 40°C	cSt	<b>40.4</b>			
- 1 min					
CONTAMINATION					

CONT	'AMIN	ATION		
Water	%	NEG	 	
Particles >4µm		<b>48792</b>	 	
Particles >6µm		<b>2240</b>	 	
Particles >14µm		<b>53</b>	 	
ISO 4406:1999 (c)		23/18/13	 	
Silicon	ppm	<b>4</b>	 	
Sodium	ppm	<b>1</b>	 	
Potassium	ppm	<b>3</b>	 	

<b>(0)</b>				
₩ WEA	R META	LS		
Iron	ppm	<b>13</b>	 	
Copper	ppm	<b>7</b>	 	
Lead	ppm	<1	 	
Tin	ppm	<b>0</b>	 	
Aluminum	ppm	<b>2</b>	 	
Chromium	ppm	<b>3</b>	 	
Molybdenum	ppm	4	 	
Nickel	ppm	<1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

Vanadiani	PPIII	•				
ADDITIVES						
Calcium	ppm	1079				
Magnesium	ppm	24				
Zinc	ppm	754				
Phosphorus	ppm	681				
Barium	ppm	0				
Boron	ppm	10				



#### LIEBHERR CANADA LTD.

1015 SUTTON DRIVE BURLINGTON, ON CA L7L 5Z8

Contact: Joseph Rodgers joseph.rodgers@liebherr.com

T:

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#### Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: LIEMIS
Unique No: 5723753
Signed: Wes Davis
Report Date: 12 Feb 2024

# CONSTRUCTION EQUIPMENT





#### **GRAPHS**

