CONSTRUCTION EQUIPMENT



[(337755)] LIEBHERR L556 057483-1332 - Front Differential

Sample No: LH

Visc @ 40°C

Oil Type: {unknown}

OIL CONDITION

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

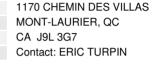
Barium

Boron

Magnesium

Phosphorus

ā				
SAMPLEINFORMATION				
Sample Number	LH			
Sample Date	22 Jan 2024			
Machine Hours	7383			
Oil Hours	0			
Oil Changed	N/A			
Sample Status	ABNORMAL			



LES CHARGEMENTS ERIC TURPIN

T: (819)660-9886

F:

CONT	AMINATI	ON		
Water	%	NEG	 	
Silicon	ppm	22	 	
Sodium	ppm	17	 	
Potassium	ppm	2	 	

52.4

3378

1365

1197

<1 94

11

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.PQ levels are abnormal. Copper, iron and nickel ppm levels are abnormal. Gear wear is indicated. Thrust washer and/or bearing/bushing wear is indicated. The high ferrous density (PQ) index indicates that abnormal wear is occurring. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

WEA	R METAI	LS		
PQ		692	 	
Iron	ppm	<u> </u>	 	
Copper	ppm	<u> </u>	 	
Lead	ppm	4	 	
Tin	ppm	7	 	
Aluminum	ppm	5	 	
Chromium	ppm	6	 	
Molybdenum	ppm	217	 	
Nickel	ppm	O 3	 	
Titanium	ppm	0	 	
Silver	ppm	<1	 	
Manganese	ppm	72	 	
Vanadium	ppm	0	 	

Depot:	LES11DES
Unique No:	5711739
Signed:	Kevin Marson
Report Date:	24 Jan 2024

Submitted By: Olivier Galimi

LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS

