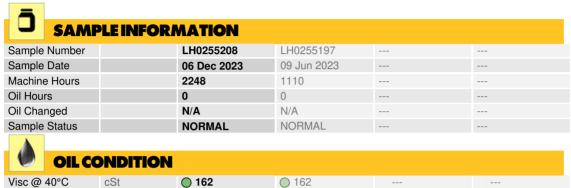
## LIEBHERR

## **CONSTRUCTION EQUIPMENT**

### 144379-1218 - Front Differential

Sample No: LH0255208

Oil Type: GEAR OIL SAE 80W90



**							
CONTAMINATION							
Water	%	NEG	NEG				
Silicon	ppm	<b>10</b>	0 8				
Sodium	ppm	<b>4</b>	<b>4</b>				
Potassium	ppm	<b>0</b>	O <1				
and a							

<b>WEA</b>	R METAL	S		
Iron	ppm	<b>11</b>	0 8	 
Copper	ppm	<b>6</b>	<b>4</b>	 
Lead	ppm	<1	O 0	 
Tin	ppm	<b>0</b>	O 0	 
Aluminum	ppm	<b></b> <1	O <1	 
Chromium	ppm	<b>0</b>	O 0	 
Molybdenum	ppm	<b>0</b>	O 0	 
Nickel	ppm	<b>0</b>	O 0	 
Titanium	ppm	0	0	 
Silver	ppm	<1	0	 
Manganese	ppm	<b>0</b>	O <1	 
Vanadium	ppm	0	0	 

variaululli	ppiii	U	U				
ADDITIVES							
Calcium	ppm	<b>12</b>	O 7				
Magnesium	ppm	<b>0</b> <1	O <1				
Zinc	ppm	<b>10</b>	O 7				
Phosphorus	ppm	<b>1428</b>	<b>1491</b>				
Barium	ppm	<b>185</b>	<b>194</b>				
Boron	ppm	<b>62</b>	<b>6</b> 3				





#### **American Iron and Metal**

10305 Metropolitaine Est, Garage porte 13 Montreal, QC

CA H1B 1A1

Contact: Sebastien Liautaud sliautaud@aimrecyclinggroup.com

T: F:

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:LACMONUnique No:5695762Signed:Wes DavisReport Date:12 Dec 2023

# LIEBHERR

CONSTRUCTION EQUIPMENT





#### **GRAPHS**

