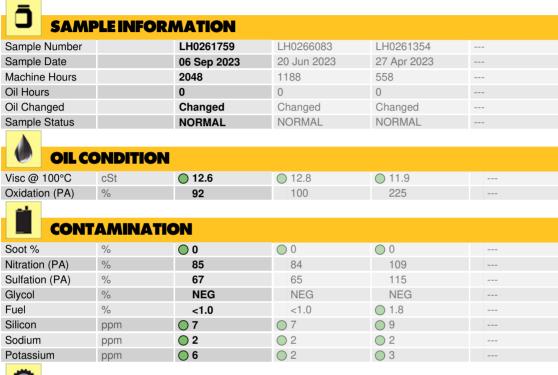
## LIEBHERR

## **CONSTRUCTION EQUIPMENT**

## LIEBHERR LH60M 145111-1217 - Diesel Engine

Sample No: LH0261759

Oil Type: DIESEL ENGINE OIL SAE 40



RMETALS				
ppm	<b>7</b>	O 7	O 15	
ppm	<b>9</b>	O 65	<b>237</b>	
ppm	<b>1</b>	<b>4</b>	<b>10</b>	
ppm	<b>0</b> <1	O <1	<b>1</b>	
ppm	<b>2</b>	<b>1</b>	<b>3</b>	
ppm	<b>0</b> <1	O <1	O 2	
ppm	<b>58</b>	<b>57</b>	<b>46</b>	
ppm	<b>0</b>	O 0	O <1	
ppm	<b>0</b>	O 0	<1	
ppm	<b>0</b>	O 0	<b>0</b>	
ppm	<b>()</b> <1	O <1	2	
ppm	0	0	0	
	ppm	ppm	ppm         7         7           ppm         9         65           ppm         1         4           ppm         <1	ppm         7         7         15           ppm         9         65         237           ppm         1         4         10           ppm         <1

ADDITIVES							
Calcium	ppm	<b>1040</b>	O 1091	O 1412			
Magnesium	ppm	<b>962</b>	O 971	926			
Zinc	ppm	<b>1142</b>	O 1130	<b>826</b>			
Phosphorus	ppm	<b>972</b>	O 972	<b>748</b>			
Barium	ppm	<b></b> <1	<b>4</b>	<b>3</b> 1			
Boron	ppm	<b>2</b>	0 8	93			





#### **RAM IRON AND METAL**

60 Ashwarren Road TORONTO, ON CA M3J 1Z5 Contact: PETER RACCO PETER@RAMIRON.COM T: (416)630-4545 F: (416)630-5258

#### 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: RAMTOR
Unique No: 5642165
Signed: Wes Davis
Report Date: 08 Sep 2023

# LIEBHERR







### **GRAPHS**

