# 3 H E R R **CONSTRUCTION EQUIPMENT**

## LIEBHERR L580 066510-1760 - Diesel Engine

Sample No: LH06000219

**Oil Type:** LIEBHERR MOTOROIL 5W30

### **SAMPLE INFORMATION**

Sample Number	LH06000219	 	
Sample Date	24 Oct 2023	 	
Machine Hours	6381	 	
Oil Hours	553	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

OIL C	ONDITION	
Visc @ 100°C	cSt	O 11.9
Base Number (BN)	mg KOH/g	0 14.0
Oxidation (PA)	%	49

Soot %	%	0.1			
Nitration (PA)	%	99			
Sulfation (PA)	%	45			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	0 12			
Sodium	ppm	0			
Potassium	ppm	<b>3</b>			

### WEAR METALS

Iron	ppm	8 🔘	 	
Copper	ppm	01	 	
Lead	ppm	<b>○</b> <1	 	
Tin	ppm	<b>○</b> <1	 	
Aluminum	ppm	02	 	
Chromium	ppm	<b>○</b> <1	 	
Molybdenum	ppm	07	 	
Nickel	ppm	<mark></mark> <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0 🔘	 	
Manganese	ppm	<b>○</b> <1	 	
Vanadium	ppm	0	 	

TIVES				
ppm	0 4014			
ppm	105			
ppm	0 1167			
ppm	0 1064			
ppm	0 5			
ppm	226			
	ppm ppm ppm ppm	ppm	ppm  4014     ppm  105     ppm  1167     ppm  1064     ppm  5	ppm    4014        ppm    105        ppm    1167        ppm    1064        ppm    5





#### **RECO EQUIPMENT INC.**

1615 JP HENESSY DRIVE LAVERGNE, TN US 37086 Contact: DAVID CHALFANT dchalfant@recoequip.com T: (615)610-7326 F: x:

#### 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot: RECLAV Unique No: 10728579 Signed: Wes Davis Report Date: 07 Nov 2023

Report Id: RECLAV [WUSCAR] 06000219 (Generated: 11/07/2023 17:11:17) Rev: 1

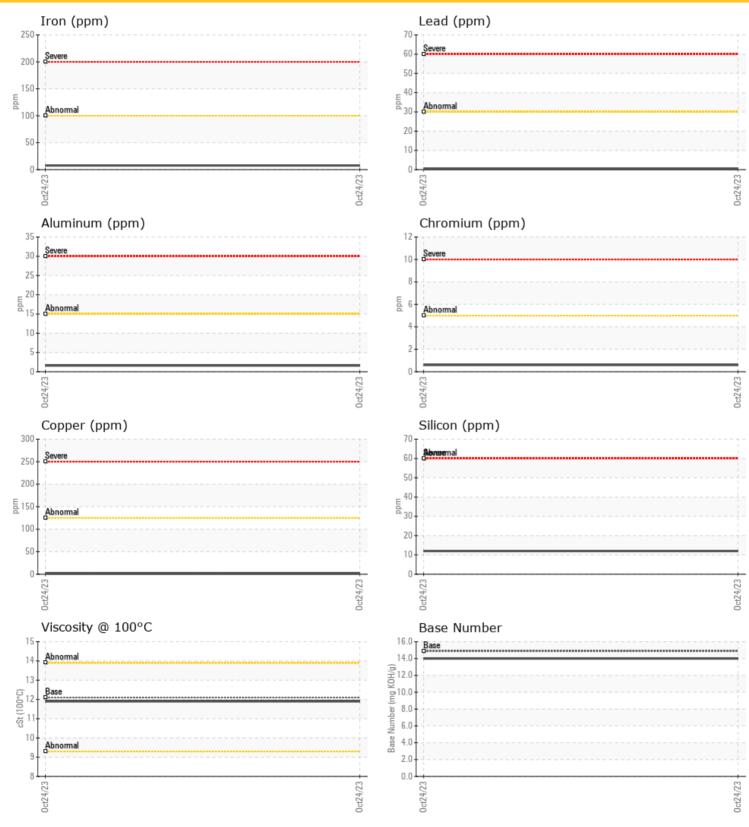
Contact/Location: DAVID CHALFANT - RECLAV





GRAPHS

 $\overline{\mathbf{O}}$ 



Report Id: RECLAV [WUSCAR] 06000219 (Generated: 11/07/2023 17:11:20) Rev: 1

Contact/Location: DAVID CHALFANT - RECLAV