CONSTRUCTION EQUIPMENT

LIEBHERR LH6OC 1212-70843 - Hydraulic System

Sample No: LH0267353 Oil Type: LIEBHERR

SAMPLE INFORMATION

Sample Number	LH0267353	LHMC94591	
Sample Date	11 Aug 2023	01 Dec 2015	
Machine Hours	3522	340	
Oil Hours	3522	340	
Oil Changed	Not Changd	Not Changd	
Sample Status	ABNORMAL	NORMAL	

OIL CO	NDITION			
Visc @ 40°C	cSt	0 46.3	0 47.8	
Acid Number (AN)	mg KOH/g	0 1.14	0.642	

Particles >4µm		2402	246				
Particles >6µm		640	0 134				
Particles >14µm		61	22				
ISO 4406:1999 (c)		18/16/13	15/14/12				
Silicon p	pm	2	3				
Sodium p	pm	04	2				
Potassium p	pm	2	3				

WEAR METALS

Iron	ppm	28	3	
Copper	ppm	<mark>()</mark> 18	03	
Lead	ppm	0 2	◯ <1	
Tin	ppm	0 🔘	0 (
Aluminum	ppm	○ <1	○ <1	
Chromium	ppm	01	○ <1	
Molybdenum	ppm	0	0	
Nickel	ppm	0 🔘	0 (
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	<1	<1	
Vanadium	ppm	0	0	

0

	DITIVES			
Calcium	ppm	815	1198	
Magnesium	ppm	4	5	
Zinc	ppm	673	633	
Phosphorus	ppm	492	486	
Barium	ppm	0	0	
Boron	ppm	0	<1	



MIDDLE GROUND MARINE INC 500 BARNES RD CHESAPEAKE, VA US 23324

Contact: T: F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot:MIDCHEUnique No:10615566Signed:Jonathan HesterReport Date:23 Aug 2023

Report Id: MIDCHE [WUSCAR] 05930295 (Generated: 08/23/2023 15:53:55) Rev: 1

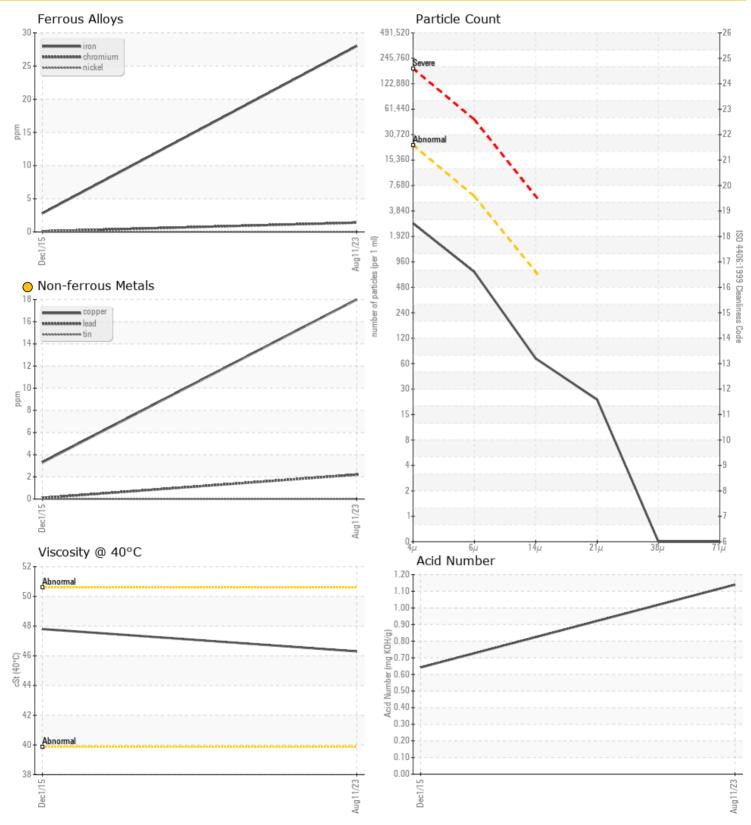
Contact/Location: ? ? - MIDCHE

CONSTRUCTION EQUIPMENT



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