CONSTRUCTION EQUIPMENT



[[ALLISON CRANE]] LIEBHERR LTM1200-5.1069894 - INTARDER - Transmission

Sample No: LHMC146553

Oil Type: ZF ECOFLUID

SAMPLE INFORMATION

Sample Number	LHMC146553	 	
Sample Date	14 Jun 2023	 	
Machine Hours	4930	 	
Oil Hours	4930	 	
Oil Changed	Not Changd	 	
Sample Status	NORMAL	 	

OIL CONDITION

Visc @ 40°C

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0 53.5

Water	%	NEG			
Silicon	ppm	0 45			
Sodium	ppm	8 🔘			
Potassium	ppm	01			

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WEA	R METAL	.S		
Iron	ppm	0 51	 	
Copper	ppm	0 19	 	
Lead	ppm	○ <1	 	
Tin	ppm	0 0	 	
Aluminum	ppm	3 0	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	5	 	
Nickel	ppm	<1	 	
Titanium	ppm	3 2	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	<1	 	

ADDITIVES					
Calcium	ppm	1136			
Magnesium	ppm	170			
Zinc	ppm	487			
Phosphorus	ppm	720			
Barium	ppm	2			
Boron	ppm	71			

LIEBHERR USA CO - MOBILE AND CRAWLER CRANES 4100 CHESTNUT AVENUE NEWPORT NEWS, VA US 23607 Contact: CHRIS JONES chris.jones@liebherr.com T: (757)245-5251 F:

Diagnosis

Resample at the next service interval to monitor. Tests no not reveal cause for reported problem.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.

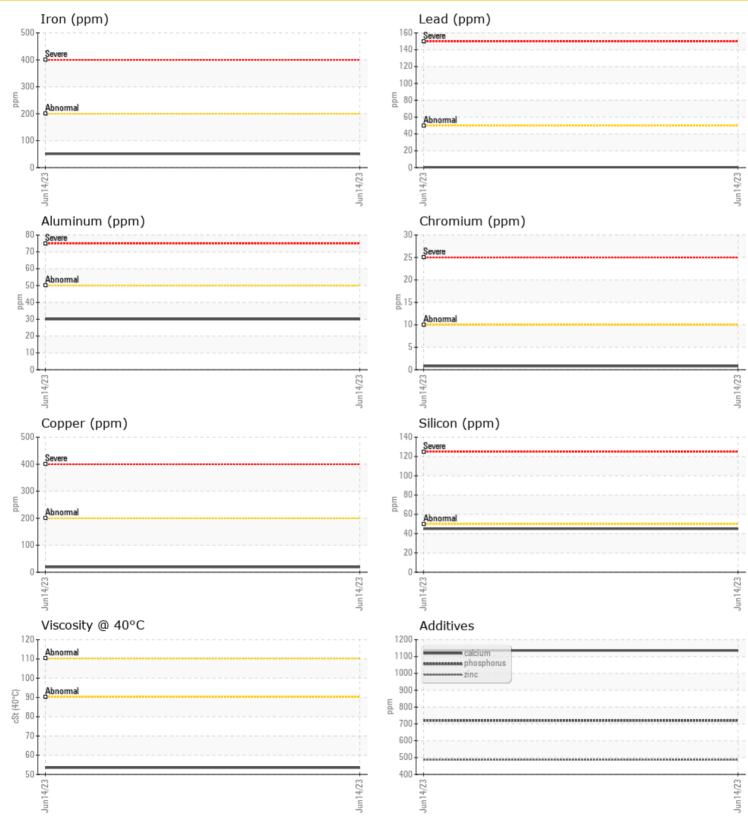
Depot:LIENEWUnique No:10524231Signed:Don BaldridgeReport Date:22 Jun 2023

CONSTRUCTION EQUIPMENT



GRAPHS

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Contact/Location: CHRIS JONES - LIENEW