LIEBHERR



CONSTRUCTION EQUIPMENT LIEBHERR LRT 1100-2.1 Bigge LRT (S/N 044808) - Hydraulic System

Sample No: LH0257770

Oil Type: AW HYDRAULIC OIL ISO 32

Samp	le Inform	ation		
Sample Number		LH0257770	 	
Sample Date		21 May 2024	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
<u> </u>				
OilCo	ndition			
Visc @ 40°C	cSt	0.27.0		
_		37.2	 	
Acid Number (AN)	mg KOH/g	0.29	 	
Conta	mination			
Nater	%	NEG	 	
Particles >4µm	7.0	O 6144	 	
Particles >6µm		① 1377	 	
Particles >14µm		O 70	 	
SO 4406:1999 (c)		20/18/13	 	
Silicon	ppm	O <1	 	
Sodium	ppm	2	 	
Potassium	ppm	3	 	
	Metals			
lron	ppm	00	 	
Copper	ppm	01	 	
_ead - -	ppm	0	 	
Γin 	ppm	0 <1	 	
Aluminum	ppm	0 <1	 	
Chromium	ppm	0 0	 	
Molybdenum	ppm	0 0	 	
Nickel	ppm	0 <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0 <1	 	
/anadium	ppm	0	 	
Addit	ives			
Calcium	ppm	39	 	
Magnesium	ppm	1	 	
Zinc	ppm	320	 	
Phosphorus	ppm	256	 	
Barium	ppm	0	 	
Davas		0.0		

LIEBHERR CRANE INC

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Contact: RANDY BLUM randy.blum@liebherr.com

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Diagnosis

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

Depot:LIEHOUUnique No:11044336Signed:Don BaldridgeReport Date:24 May 2024

Contact/Location: RANDY BLUM - LIEHOU

ppm

Boron

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Graphs

