CONSTRUCTION EQUIPMENT



[[FROM COOLER]] LIEBHERR 5049 (S/N 088750) - Hydraulic System

Sample No: LH0236077

Oil Type: LIEBHERR HYDRAULIC 37

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SAMF	PLE INFOR	MATION		
Sample Number		LH0236077	 	
Sample Date		20 Mar 2024	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CO	ONDITION	ı		
Visc @ 40°C	cSt	45.2	 	
Acid Number (AN)	mg KOH/g	0.30	 	
-4				
CONT	AMINATI	ON		
Water	%	NEG	 	
Particles >4µm		528	 	
Particles >6µm		75	 	
Particles >14μm		16	 	
ISO 4406:1999 (c)		16/13/11	 	
Silicon	ppm	2	 	
Sodium	ppm	0	 	
Potassium	ppm	1	 	
Ø WEAT				
WEAF	R METALS			
Iron	ppm	0 <1	 	
Copper	ppm	1	 	
Lead	ppm	0 <1	 	
Tin	ppm	○ <1	 	
Aluminum	ppm	3	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	0 <1	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	
ADDI		ζ1		
Calcium	ppm	384	 	
Magnesium	ppm	4	 	
Zinc	ppm	488	 	
Phosphorus	ppm	402	 	
Barium	ppm	0 <1	 	
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MACALJON MECHANICAL CONT

4524 OGEECHEE RD SAVANNAH, GA US 31405

Contact: MIKE VITULLO mvitullo@macaljon.com T: (912)236-9333

F:

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 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: MACSAV
Unique No: 10952650
Signed: Jonathan Hester
Report Date: 03 Apr 2024

Contact/Location: MIKE VITULLO - MACSAV

ppm

Boron

CONSTRUCTION EQUIPMENT





GRAPHS

