

LIEBHERR TA230 Sullivan TA230 149809 - Hydraulic System

Sample No: LH0293242

Oil Type: LIEBHERR HYDRAULIC HVI

Sample Information

Sample Number		LH0293242	LH0264571			
Sample Date		03 Jul 2024	01 Apr 2024			
Machine Hours		1169	650			
Oil Hours		1169	650			
Oil Changed		Not Changd	Not Changd			
Sample Status		NORMAL	NORMAL			
Oil Condition						
Visc @ 40°C	cSt	0 47.6	0 48.0			
Acid Number (AN)	mg KOH/g	0 1.31	0 1.30			
**						

Contamination					
Water	%	NEG	NEG		
Particles >4µm		0 14120	O 5154		
Particles >6µm		2381	992		
Particles >14µm		0 45	58		
ISO 4406:1999 (c)		21/18/13	20/17/13		
Silicon	ppm	04	3		
Sodium	ppm	02	○ <1		
Potassium	ppm	○ <1	2		

Wear Metals

Iron	ppm	03	2	
Copper	ppm	01	01	
Lead	ppm	0 2	01	
Tin	ppm	0	0	
Aluminum	ppm	○ <1	2	
Chromium	ppm	0	○ <1	
Molybdenum	ppm	0	0	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	0	0	
Vanadium	ppm	0	0	

0

Additives					
Calcium	ppm	0 1463	0 1449		
Magnesium	ppm	05	○ 5		
Zinc	ppm	687	○ 775		
Phosphorus	ppm	639	○ 704		
Barium	ppm	0	0		
Boron	ppm	0 (0		





LIEBHERR EQUIPMENT SOURCE

8200 FAYETTEVILLE ROAD RALEIGH, NC US 27603 Contact: TAYLOR BLALOCK taylor.blalock@liebherr.com T: (757)718-0491 F: (919)329-0084

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot:LIEBHERRNCUnique No:11113604Signed:Wes DavisReport Date:09 Jul 2024Submitted By:SHERWOOD LUCAS

Report Id: LIEBHERRNC [WUSCAR] 06230111 (Generated: 07/09/2024 16:42:17) Rev: 1

LEBHERR CONSTRUCTION EQUIPMENT



Graphs

