CONSTRUCTION EQUIPMENT



[[BIGGIE CRANE]] LIEBHERR LR1700 046254 - Hydraulic System

Sample No: LH0236078 Oil Type: **NOT GIVEN**

SAMPLE INFORMATION	=				
Sample Date 1626 1628	SAME	PLE INFOR	MATION		
Sample Date 1626	Sample Number		LH0236078	 	
Machine Hours 600					
Dil Hours 600	•			 	
Dil Changed N/A				 	
OIL CONDITION					
OIL CONDITION //Isc @ 40°C	-				
CONTAMINATION) ample otatus		NOTHWIAL		
Contamination Contaminatio Contamination Contamination Contamination Contamination	A		_		
CONTAMINATION CONTAMINATIO	OIL CO	ONDITION			
CONTAMINATION Particles > 4µm Particles > 6µm Particles > 14µm Particles	/isc @ 40°C	cSt	26.8	 	
Particles >4µm	Acid Number (AN)	mg KOH/g	0.20	 	
Particles >4µm	-4				
Particles >4µm	CONT		ANI		
Particles >6µm		AMINAII	ON		
Particles >14µm	Particles >4µm		16012	 	
SO 4406:1999 (c) 21/19/13	Particles >6µm		2874	 	
Solition ppm 0 1	Particles >14µm		62	 	
Sodium	SO 4406:1999 (c)		21/19/13	 	
WEAR METALS	Silicon	ppm	1	 	
WEAR METALS copper ppm 1	Sodium	ppm	0 <1	 	
WEAR METALS copper ppm 1	Potassium		0	 	
Copper					
Cead					
Tin					
Aluminum ppm 0 0					
Chromium ppm 0				 	
Molybdenum ppm 0				 	
Sickel		ppm	_	 	
Fitanium ppm 0 Silver ppm 0	•	ppm		 	
Silver ppm 0 Manganese ppm 0	Nickel	ppm	0	 	
Manganese ppm 0		ppm	0	 	
ADDITIVES Calcium ppm 15 Magnesium ppm 0 Phosphorus ppm 57	Silver	ppm	0	 	
ADDITIVES Calcium ppm 15 Magnesium ppm 0 Zinc ppm 105 Phosphorus ppm 57	Manganese	ppm	0	 	
ADDITIVES Calcium ppm 15 Magnesium ppm 0 Zinc ppm 105 Phosphorus ppm 57	/anadium	ppm	0	 	
Magnesium ppm 0	0	TIVES			
Zinc ppm 105 Phosphorus ppm 57	Calcium	ppm	15	 	
Zinc ppm 105 Phosphorus ppm 57	Magnesium		0	 	
Phosphorus ppm 57	-			 	
	•		0	 	

LIEBHERR USA CO - MOBILE AND CRAWLER CRANES 4100 CHESTNUT AVENUE NEWPORT NEWS, VA US 23607

Contact: JOHNATHAN SMITH johnathan.smith@liebherr.com

T: F:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Tests do not reveal cause for reported problem.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: **LIENEW** Unique No: 10726779 Signed: Don Baldridge **Report Date:** 07 Nov 2023

ppm

Boron

CONSTRUCTION EQUIPMENT





GRAPHS

