LIEBHERR







Sample No: LH0258656
Oil Type: ZF EXO-FLUID

Sami	ple Infor	mation		
Sample Number		LH0258656	 	
Sample Date		28 May 2024	 	
Machine Hours		20437	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
Sample Status		NONWAL		
Oilce	ondition			
Visc @ 40°C	cSt	45.3	 	
Conte	aminati	on		
Water	%	NEG	 	
Silicon	ppm	7	 	
Sodium	ppm	2	 	
Potassium	ppm	1	 	
Weg	r Metals	•		
Iron	ppm	35	 	
Copper	ppm	30	 	
Lead	ppm	○ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	0 7	 	
Chromium	ppm	○ <1	 	
Molybdenum	ppm	<1	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	
Addi				
Calcium	ppm	830	 	
Magnesium	ppm	2	 	
Zinc	ppm	44	 	
Phosphorus	ppm	544	 	
Barium	ppm	0	 	
D	1-1-			

LIEBHERR USA CO - MOBILE AND CRAWLER CRANES
4800 CHESTNUT AVENUE
NEWPORT NEWS, VA
US 23607
Contact: CHRIS JONES
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chris.jones@liebherr.com T: (757)245-5251

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 fluid. The condition of the fluid is acceptable for the time in service.

Depot:LIENEWUnique No:11063007Signed:Don BaldridgeReport Date:08 Jun 2024

Contact/Location: CHRIS JONES - LIENEW

ppm

Boron

CONSTRUCTION EQUIPMENT





Graphs

