CONSTRUCTION EQUIPMENT



LIEBHERR LV20F 110919 - GEAR CELL HAMMER - Center Gearbox

Sample No: LHMC161366

Oil Type: LIEBHERR SYNTOGEAR PLUS 220

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SAM	PLE INFO	RMATION		
Sample Number		LHMC161366	 	
Sample Date		17 Jan 2023	 	
Machine Hours		285	 	
Dil Hours		150	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
A Clarac		NOTHINAL		
OILC	ONDITIO	N		
/isc @ 40°C	cSt	O 234	 	1 1
7130 @ 40 0	COL	<u> </u>	 	
CON	TAMINA	TION		
Silicon	ppm	5	 	
Sodium	ppm	0 0	 	
Potassium	ppm	0 <1	 	
WEA	R METAI	LS		
ron	ppm	432	 	
Copper	ppm	6	 	
_ead	ppm	0 <1	 	
Γin	ppm	0 0	 	
Aluminum	ppm	3	 	
Chromium	ppm	O 5	 	
Molybdenum	ppm	O <1	 	
Nickel	ppm	3	 	
Γitanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	5	 	
/anadium	ppm	0	 	
ADD	ITIVES			
Calcium	ppm	0 4	 	
Magnesium	ppm	01	 	
Zinc	ppm	O 12	 	
Phosphorus	ppm	O 450	 	
Barium	ppm	0 0	 	
Boron	ppm	<u>0</u> 21	 	
JOIOII	ppiii	<u> </u>		

LIEBHERR CRANE INC

7075 BENNINGTON ST HOUSTON, TX US 77028

Contact: BRETT YOUNG brett.young@liebherr.com

T:

F: (713)636-4039

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:LIEHOUUnique No:10338709Signed:Don BaldridgeReport Date:17 Feb 2023

LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS

