CONSTRUCTION EQUIPMENT



[[W/L1817]] LIEBHERR LO20F R31119 (S/N 110899) - Gearbox

Sample No: LH0247814

Oil Type: **GEAR OIL ISO 220**

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JSAM	PLE INF	ORMATION		
Sample Number		LH0247814	 	
Sample Date		20 Jan 2024	 	
Machine Hours		2537	 	
Oil Hours		200	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL	ONDITION	ON		
Visc @ 40°C	cSt	232	 	
	TAMINA			
Water	%	NEG	 	
Silicon	ppm	8	 	
Sodium	ppm	0 0	 	
Potassium	ppm	0	 	
WEA	Ppm	△ 268	 	
Copper	ppm	O 5	 	
_ead	ppm	0	 	
Γin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	3	 	
Molybdenum	ppm	0 <1	 	
Nickel	ppm	O <1	 	
Γitanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	0	 	
	ITIVES			
Calcium	ppm	24	 	
Magnesium	ppm	0	 	
Zinc	ppm	24	 	
Phosphorus	ppm	428	 	
Barium	ppm	0	 	

PETERSON CONTRACTORS INC

PO BOX A REINBECK, IA US 50669

Contact: WADE VANHAVEN MBERWALD@PCIUS.COM

T: F:

Diagnosis

Oil and filter 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. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: **PETREILH** Unique No: 10870621 Signed: Sean Felton Report Date: 09 Feb 2024

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ppm

Boron

CONSTRUCTION EQUIPMENT





GRAPHS

