LIEBHERR

CONSTRUCTION EQUIPMENT



Sample No: LH0263967

Oil Type: GEAR OIL SAE 80W90

<u> </u>				
U SAM	PLE INFO	DRMATION		
Sample Number		LH0263967	LH0220796	
Sample Date		25 Oct 2023	18 Jan 2023	
Machine Hours		1045	464	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
A				
OILC	ONDITIO	ON		
Visc @ 40°C	cSt	O 146	O 175	
VISC @ 40 C	CSI	140	0 175	
CON	TAMINA	ATION		
Silicon	ppm	3	8	
Sodium	ppm	0<1	O 4	
Potassium	ppm	0	O 1	
◎ WEA	R META	16		
Iron	ppm	32	O 34	
Copper	ppm	0 0	O <1	
Lead	ppm	0 0	O 0	
Tin	ppm	0	<1	
Aluminum	ppm	0	O <1	
Chromium	ppm	0	O <1	
Molybdenum	ppm	0	O <1	
Nickel	ppm	0	0	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	() <1	O 2	
Vanadium	ppm	0	0	
ADD	ITIVES			
Calcium	ppm	34	48	
Magnesium	ppm	2	O 1	
Zinc	ppm	37	O 52	
Phosphorus	ppm	0 1094	O 1952	
	1-1		0	

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AMERICAN STATE EQUIPMENT CO.

2400 NORTH 14TH AVENUE WAUSAU, WI US 54401 Contact: CHRIS BARTNIK

cbartnik@amstate.com T: (715)675-6900 F: (715)675-9748

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:LEC0008Unique No:10725904Signed:Don BaldridgeReport Date:05 Nov 2023

Contact/Location: CHRIS BARTNIK - LEC0008

0

2

Barium

Boron

ppm

ppm

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GRAPHS

