## **CONSTRUCTION EQUIPMENT**

## LIEBHERR R934CEW 29333 - Right Final Drive

Sample No: LH0178234

Oil Type: KENDALL NS-MP HYPOID GEAR 80W90

## SAMPLE INFORMATION

Sample Number		LH0178234	LH0214167	LH0186970	
Sample Date		05 Jul 2023	20 Jul 2022	15 Apr 2021	
Machine Hours		17038	16000	15000	
Oil Hours		1038	1000	1000	
Oil Changed		Changed	Changed	Changed	
Sample Status		NORMAL	NORMAL	NORMAL	
OIL CO	<b>NDITION</b>				
Visc @ 40°C	cSt	0 129	0 133	0 136	
	AMINATIO	<b>DN</b>			

CON1	<b>AMINATI</b>	ON			
Silicon	ppm	6	04	04	
Sodium	ppm	<b>3</b>	02	3	
Potassium	ppm	<b>3</b>	2	○ <1	

<b>A</b>					
WEA	R METAL	S			
Iron	ppm	0 29	24	◯ 45	
Copper	ppm	04	0 4	5	
Lead	ppm	0 🔘	0	0	
Tin	ppm	0 ()	○ <1	◯ <1	
Aluminum	ppm	◯ <1	◯ <1	◯ <1	
Chromium	ppm	0 2	0 2	6	
Molybdenum	ppm	<b>○</b> <1	◯ <1	2	
Nickel	ppm	<b>○</b> <1	○ <1	01	
Titanium	ppm	0 🔘	0	◯ <1	
Silver	ppm	0	0	<1	
Manganese	ppm	02	◯ <1	<1	
Vanadium	ppm	0	0	0	







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## 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.

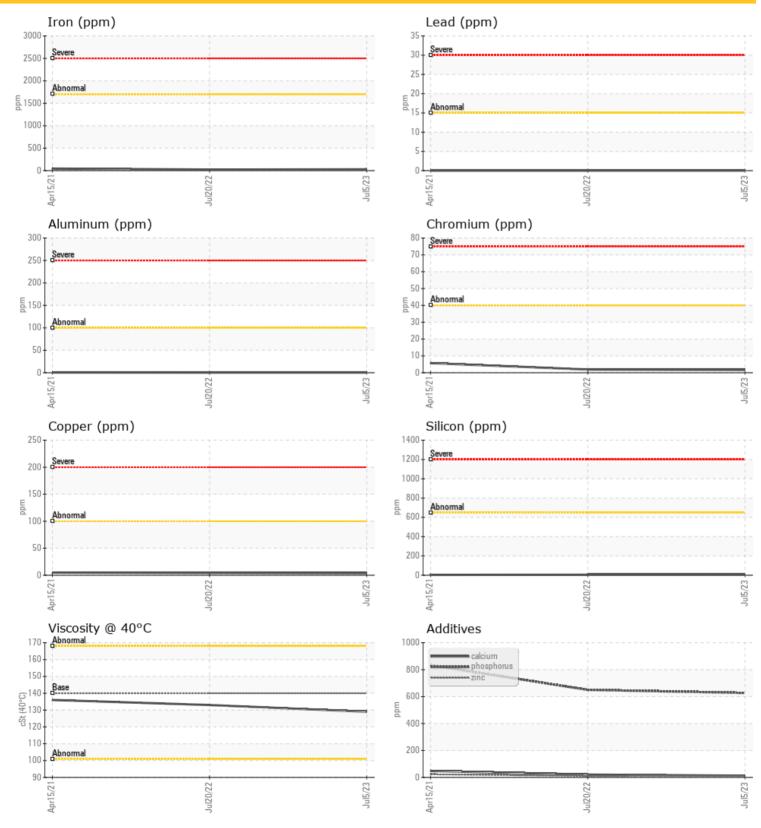
Depot:	DOMBUR
Unique No:	5607486
Signed:	Wes Davis
Report Date:	17 Jul 2023





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Submitted By: Trevor Taylor