## **CONSTRUCTION EQUIPMENT**

## LIEBHERR R934CEW 29333 - Left Final Drive

Sample No: LH0178233

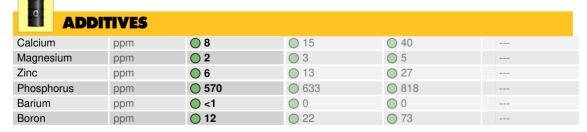
Oil Type: KENDALL NS-MP HYPOID GEAR 80W90

## **SAMPLE INFORMATION**

Sample Number	LH0178233	LH0214165	LH0186973	
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	
	ON			
Visc @ 40°C cSt	<b>0</b> 130	132	0 136	
	TION			

	ITAMINA	TION			
Silicon	ppm	04	○ 5	07	
Sodium	ppm	02	0 2	5	
Potassium	ppm	0 2	0 1	0 1	

	R METALS	5			
Iron	ppm	0 30	39	69	
Copper	ppm	04	0 5	5	
Lead	ppm	<b>○</b> <1	0	0	
Tin	ppm	0 ()	0	◯ <1	
Aluminum	ppm	<b>○</b> <1	◯ <1	0 1	
Chromium	ppm	02	0 4	0 10	
Molybdenum	ppm	0 🔘	◯ <1	2	
Nickel	ppm	<b>○</b> <1	01	03	
Titanium	ppm	0 🔘	◯ <1	◯ <1	
Silver	ppm	<1	0	<1	
Manganese	ppm	<b>○</b> <1	0 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.

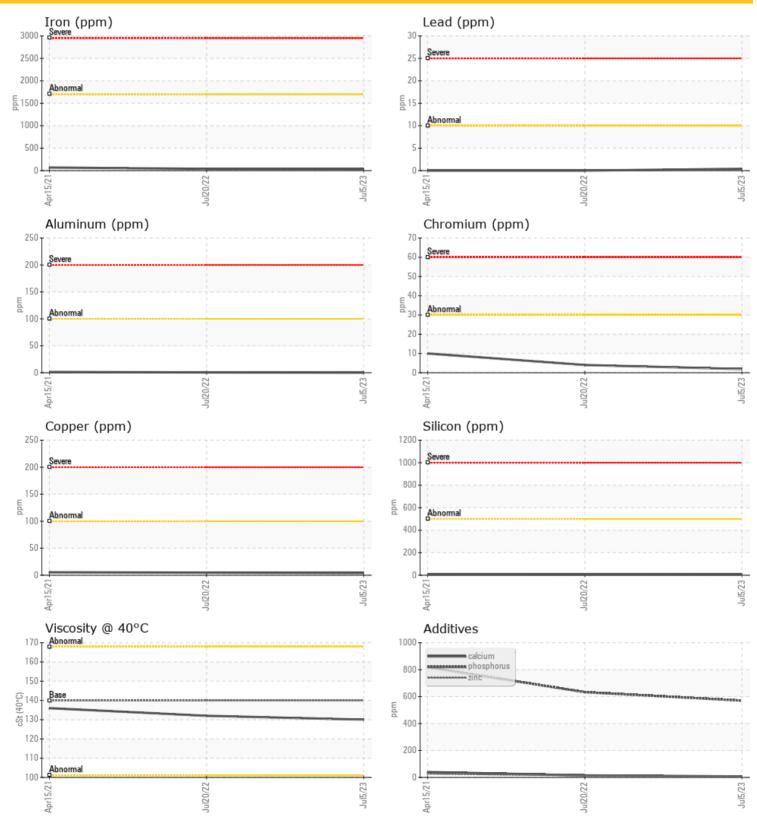
Depot:	DOMBUR
Unique No:	5681994
Signed:	Wes Davis
Report Date:	16 Nov 2023





GRAPHS

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Report Id: DOMBUR [WCAMIS] 02596914 (Generated: 11/16/2023 15:10:05) Rev: 1

Submitted By: Trevor Taylor