CONSTRUCTION EQUIPMENT

[DNA] LIEBHERR R934C T-Rex (S/N 20279) - Right Final Drive

Sample No: LH0178226

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Oil Type: KENDALL NS-MP HYPOID GEAR 80W90

SAMPLE INFORMATION

Sample Number	LH0178226	LH0224517	
Sample Date	14 Nov 2023	15 Sep 2022	
Machine Hours	10334	9870	
Oil Hours	1000	1000	
Oil Changed	Changed	Changed	
Sample Status	NORMAL	NORMAL	
OIL CONDITION			
Visc @ 40°C cSt	133	135	
1			

	AMINATI	ON		
Silicon	ppm	0 20	6	
Sodium	ppm	07	6	
Potassium	ppm	5	○ <1	

WE/	AR META	LS		
Iron	ppm	0 72	◯ 46	
Copper	ppm	07	6	
Lead	ppm	02	0 4	
Tin	ppm	○ <1	○ <1	
Aluminum	ppm	○ <1	○ <1	
Chromium	ppm	0 2	03	
Molybdenum	ppm	0 🔘	○ <1	
Nickel	ppm	<mark></mark> <1	<1	
Titanium	ppm	0 🔘	0	
Silver	ppm	<1	0	
Manganese	ppm	0 2	0 1	
Vanadium	maa	0	0	

٥ **ADDITIVES** Calcium 0 14 ppm 0 18 Magnesium ppm • 4 $\bigcirc 5$ Zinc 0 24 0 19 ppm Phosphorus 0 554 0 623 ppm Barium ppm ◯ <1 0 Boron ppm 011 0 12



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Diagnosis

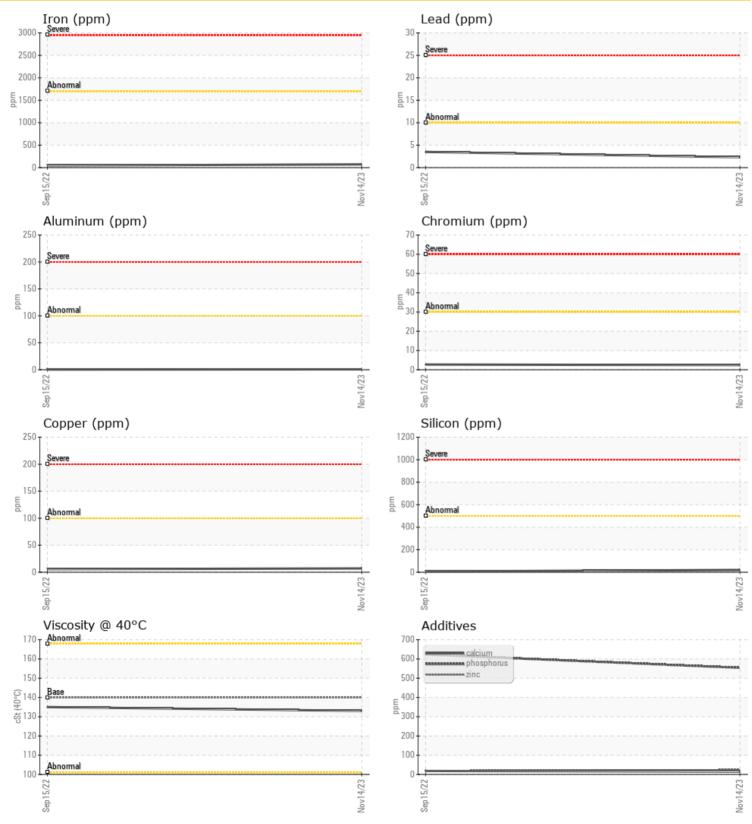
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:	DOMBUR
Unique No:	5682264
Signed:	Wes Davis
Report Date:	17 Nov 2023



GRAPHS

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