CONSTRUCTION EQUIPMENT

LIEBHERR R934CEW 29333 - Splitter Box

KENDALL NS-MP HYPOID GEAR 80W90

Sample No: LH0178231

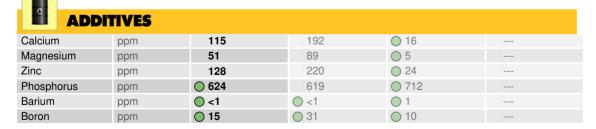
Oil Type:

SAMPLE INFORMATION

-		0	-	-	
Visc @ 40°C	St	0 114	0 111	0 144	
OIL CONDITION					
Sample Status		NORMAL	NORMAL	NORMAL	
Oil Changed		Changed	Changed	Changed	
Oil Hours		538	533	500	
Machine Hours		17038	16000	15000	
Sample Date		05 Jul 2023	20 Jul 2022	15 Apr 2021	
Sample Number		LH0178231	LH0224523	LH0186975	

Silicon	ppm	5	07	3	
Sodium	ppm	3	03	3	
Potassium	ppm	1 0	0 11	0 10	
adda.					

WE/	AR META	LS			
Iron	ppm	0 79	147	83	
Copper	ppm	01	0 2	01	
Lead	ppm	0 2	3	2	
Tin	ppm	0 (0	0	
Aluminum	ppm	01	2	2	
Chromium	ppm	01	0 2	01	
Molybdenum	ppm	0 5	0 10	0	
Nickel	ppm	○ <1	○ <1	◯ <1	
Titanium	ppm	○ <1	◯ <1	◯ <1	
Silver	ppm	0	3	<1	
Manganese	ppm	○ <1	0 2	1	
Vanadium	ppm	0	0	0	







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Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

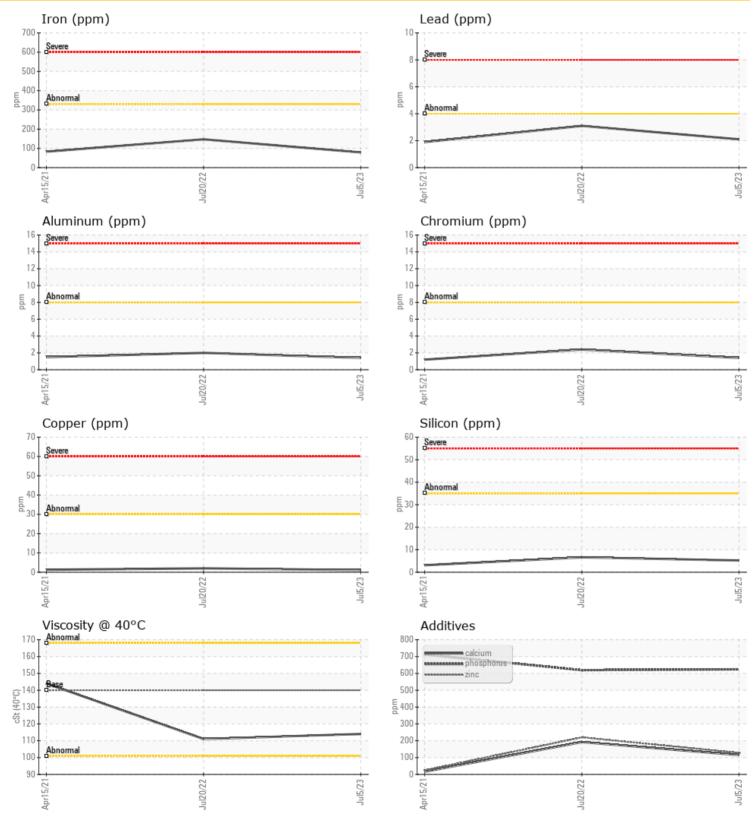
Depot:	DOMBUR
Unique No:	5607481
Signed:	Wes Davis
Report Date:	17 Jul 2023





GRAPHS

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Submitted By: Trevor Taylor