CONSTRUCTION EQUIPMENT

[(375856)] LIEBHERR R930 049712-1716 - Right Final Drive

Sample No: LH0231973

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	LH0231973	LH0231966			
Sample Date	05 Jan 2024	22 Sep 2022			
Machine Hours	2014	1000			
Oil Hours	0	0			
Oil Changed	Changed	Not Changd			
Sample Status	NORMAL	NORMAL			
OIL CONDITION	Hours 0 0 Changed Changed Not Changd mple Status NORMAL NORMAL OIL CONDITION OIL CONDITION				
Visc @ 40°C cSt	97.0	0 105			

Water	%	NEG	NEG		
Silicon	ppm	0 15	0 6		
Sodium	ppm	0 2	2		
Potassium	maa	02	\bigcirc 1		

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	R METALS	(
Iron	ppm	0 79	50	
Copper	ppm	○ <1	○ <1	
Lead	ppm	0 🔘	0	
Tin	ppm	0 🔘	0	
Aluminum	ppm	3	0 1	
Chromium	ppm	3	0 2	
Molybdenum	ppm	0 🔘	0	
Nickel	ppm	○ <1	<1	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	○ <1	○ <1	
Vanadium	ppm	0	0	

ADD	ITIVES			
Calcium	ppm	6	3	
Magnesium	ppm	<mark></mark> <1	○ <1	
Zinc	ppm	0 20	0 15	
Phosphorus	ppm	0 1365	0 1472	
Barium	ppm	05	5	
Boron	ppm	0 194	204	



COUNTY OF ST. PAUL NO. 19

5015 - 49 AVENUE ST. PAUL, AB CA T0A 3A4 Contact: Brent Lilje blilje@county.stpaul.ab.ca T: (780)645-3006 F:

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:CCUnique No:57Signed:WaReport Date:30

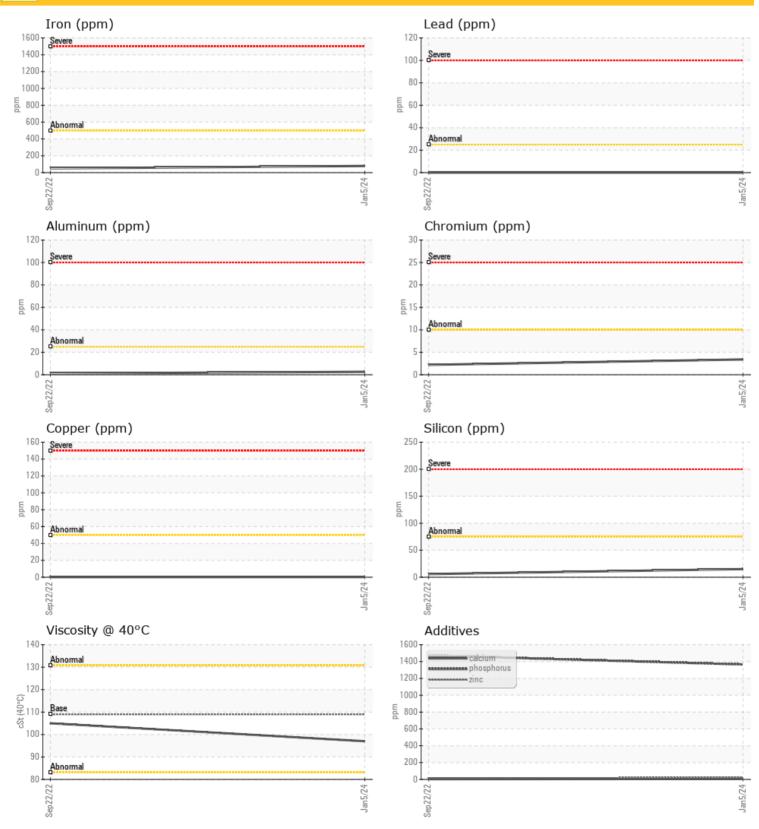
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GRAPHS

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