# LIEBHERR

## **CONSTRUCTION EQUIPMENT**

### LIEBHERR A934C 057446-1007 - Rear Differential

Sample No: LH0281187

Oil Type: KLONDIKE FULL SYNTHETIC 75W90

<b>5</b>						
SAM	PLE INF	ORMATION				
Sample Number		LH0281187	LH0192473	LH0177441	LH0162248	
Sample Date		22 Jan 2024	02 Dec 2022	19 Feb 2021	05 May 2020	
Machine Hours		26482	25052	23033	21966	
Oil Hours		0	0	0	0	
Oil Changed		Changed	Changed	Changed	Changed	
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL	
OIL CONDITION						
Visc @ 40°C	cSt	<b>102</b>	98.5	94.2	95.4	

CONTAMINATION							
Water	%	NEG	NEG	NEG	NEG		
Silicon	ppm	<b>0</b> <1	O <1	O 2	O <1		
Sodium	ppm	<b>0</b>	O 1	O <1	0		
Potassium	ppm	<b>0</b> <1	<b></b> <1	O <1	<b></b> <1		

WEA	R METAL	S			
Iron	ppm	<b>8</b>	<b>9</b>	<b>4</b>	O 2
Copper	ppm	<b>6</b>	<b>O</b> 5	<b>4</b>	O 2
Lead	ppm	<1	O <1	O 0	0
Tin	ppm	<b>0</b>	O 0	O 0	0
Aluminum	ppm	<b></b> <1	O <1	<1	<b></b> <1
Chromium	ppm	<b>0</b>	O 0	O 0	0
Molybdenum	ppm	<b>0</b>	<b>0</b>	O 0	0
Nickel	ppm	<b>0</b>	0	O <1	O <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	<b>0</b>	O <1	<1	O 0
Vanadium	ppm	0	0	0	0

) / I'			0	^	0	
Vanadium	ppm	0	0	0	0	
ADDITIVES						
Calcium	ppm	<b>13</b>	O 12	O 12	<b>1</b> 0	
Magnesium	ppm	<b>3</b>	O <1	<b>1</b>	O <1	
Zinc	ppm	<b>10</b>	<b>10</b>	<b>9</b>	○ 8	
Phosphorus	ppm	527	O 1720	O 1199	O 1264	
Barium	ppm	<b>0</b>	O 0	O 0	0	
Boron	ppm	31	O 195	○ 302	○ 318	



ABC RECYCLING 8081 MEADOW AVE. BURNABY, BC CA V3N 2V9 Contact: John Anderson john.anderson@abcrecycling.com T: (778)988-9944 F:

#### 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: ABCBUR
Unique No: 5733434
Signed: Wes Davis
Report Date: 16 Feb 2024

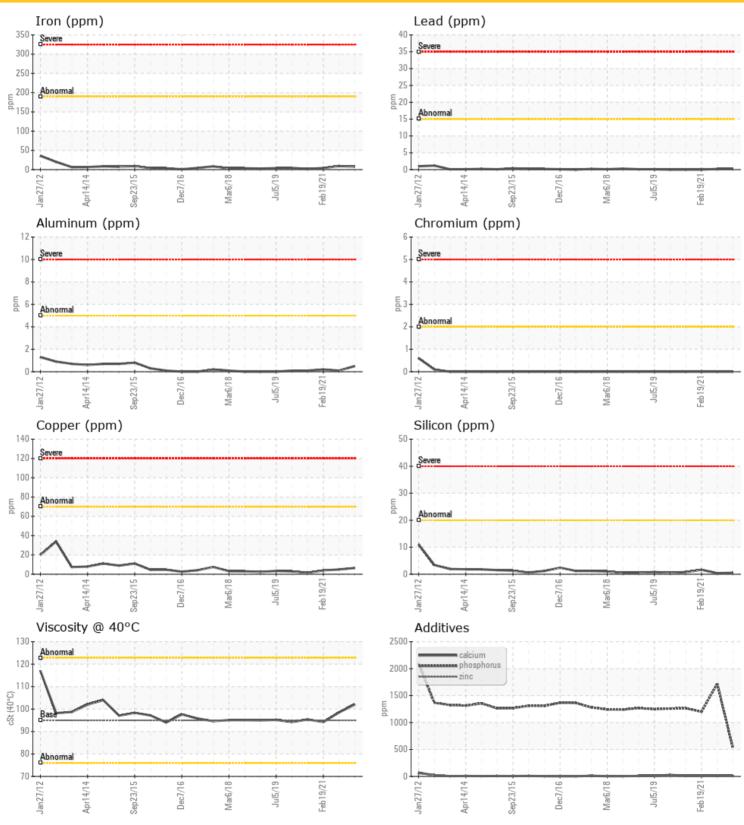
# LIEBHERR

CONSTRUCTION EQUIPMENT





### **GRAPHS**



Report Id: ABCBUR [WCAMIS] 02616324 (Generated: 02/20/2024 11:46:52) Rev: 1

Contact/Location: John Anderson - ABCBUR