CONSTRUCTION EQUIPMENT

[(354956)] LIEBHERR A922 128674-1509 - Front Right Wheel

Sample No: LH0274098

...

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number		LH0274098	LH0238910	LH0225481	LH0215550
Sample Date		01 Sep 2023	20 Jan 2023	20 May 2022	17 Dec 2021
Machine Hours		2993	2095	1163	602
Oil Hours		0	0	0	0
Oil Changed		Changed	Changed	N/A	Not Changd
Sample Status		ABNORMAL	NORMAL	NORMAL	NORMAL
OIL CONDITION					
		170		0.400	100
Visc @ 40°C	cSt	176	177	0 182	189

	NTAMINA	TION				
Silicon	ppm	3	2	◯ <1	0 4	
Sodium	ppm	0 5	0 4	0 11	0 12	
Potassium	ppm	01	0	2	03	

WE/	AR META	LS			
Iron	ppm	O 346	◯ 59	○ 74	0 154
Copper	ppm	0 11	○ 5	0 14	21
Lead	ppm	◯ <1	○ <1	0 1	0 1
Tin	ppm	0 🔘	0	◯ <1	◯ <1
Aluminum	ppm	0 4	○ <1	0 1	2
Chromium	ppm	07	○ <1	0 1	02
Molybdenum	ppm	◯ <1	0	◯ <1	◯ <1
Nickel	ppm	01	○ <1	◯ <1	○ <1
Titanium	ppm	◯ <1	0	0	◯ <1
Silver	ppm	0	0	0	0
Manganese	ppm	0 4	2	3	0 4
Vanadium	ppm	<1	0	0	0

ADDITIVES Calcium 03 ppm 6 09 0 12 Magnesium ○ <1 02 02 ppm ○ <1 Zinc 34 41 0 16 0 11 ppm 0 2296 0 2375 1239 Phosphorus 1218 ppm Barium ppm 0 14 034 220 297 Boron ppm 07 04 3



Transelec Common Inc.

2075 Boul. Fortin Laval, QC CA H7S 1P4 Contact: Service Manager

T: F:

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Chromium ppm levels are abnormal. Iron ppm levels are noted. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:	TRA207LAV
Unique No:	5644714
Signed:	Bill Quesnel
Report Date:	19 Sep 2023

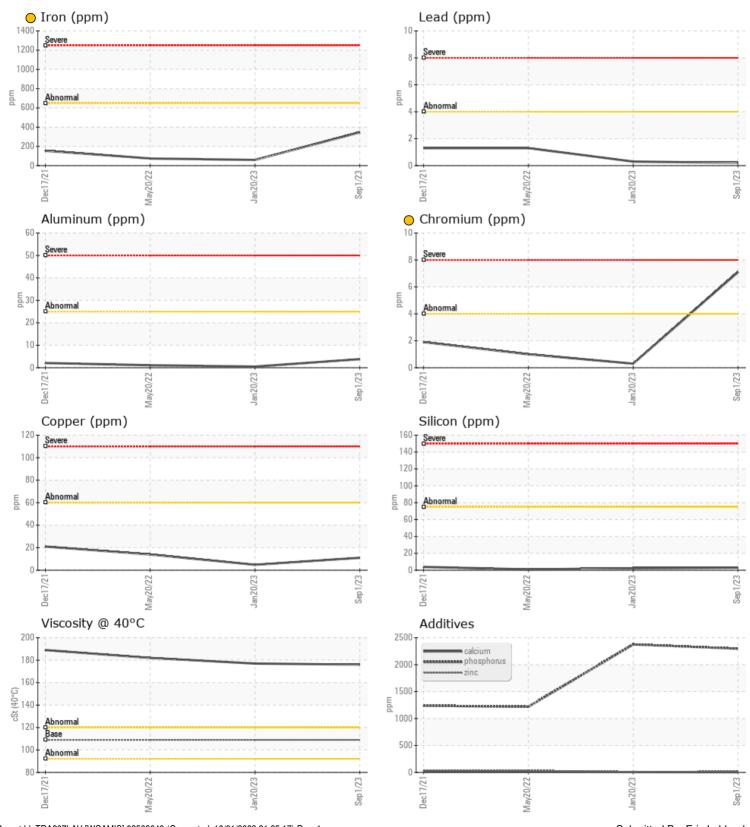
Submitted By: Eric Leblond





GRAPHS

 \odot



Report Id: TRA207LAV [WCAMIS] 02583649 (Generated: 10/01/2023 21:25:17) Rev: 1