CONSTRUCTION EQUIPMENT

LIEBHERR A944CHD 063266 - Rear Left Wheel Hub

Sample No: LH0274443

Oil Type:

Potassium

PETRO CANADA TRAXON SYNTHETIC 75W90

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ppm

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	PLE INF	ORMATION			
Sample Number		LH0274443	LH	LH0130339	LH0123988
Sample Date		04 Aug 2023	21 Mar 2019	13 Jul 2018	28 Feb 2018
Machine Hours		19020	12983	11950	11203
Oil Hours		0	0	0	0
Oil Changed		Changed	Changed	Changed	Changed
Sample Status		ABNORMAL	NORMAL	NORMAL	NORMAL
OIL C	ONDITI	ON			
Visc @ 40°C	cSt	0 101	0 103	95.6	0 101
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CON	TAMIN/	ATION			
Silicon	ppm	05	2	2	04
Sodium	ppm	06	○ <1	◯ <1	02

○ <1

0

○ <1

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WEA	R METALS	5			
Iron	ppm	0 15	6	3	6
Copper	ppm	 90	23	24	0 31
Lead	ppm	02	◯ <1	○ <1	◯ <1
Tin	ppm	0	0	0	0
Aluminum	ppm	01	◯ <1	0	◯ <1
Chromium	ppm	0 🔘	0	0	0
Molybdenum	ppm	0	○ <1	◯ <1	0
Nickel	ppm	0 ()	0	0	○ <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	01	◯ <1	○ <1	◯ <1
Vanadium	ppm	0	0	0	0

	DITIVES				
Calcium	ppm	04	07	8	0
Magnesium	ppm	01	03	0 4	◯ <1
Zinc	ppm	0 45	0 16	0 17	0 16
Phosphorus	ppm	0 1539	0 1249	0 1270	0 1456
Barium	ppm	○ <1	0	0	0
Boron	ppm	0 259	324	◯ 315	251



Posner Metals

610 Beach Rd. Hamilton, ON CA L8H 3L1 Contact: Oscar Riano oscar@posner.ca T: (905)971-6754 F: (905)549-6044

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Copper ppm levels are abnormal. Bearing and/or bushing wear is indicated. The water content is negligible. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

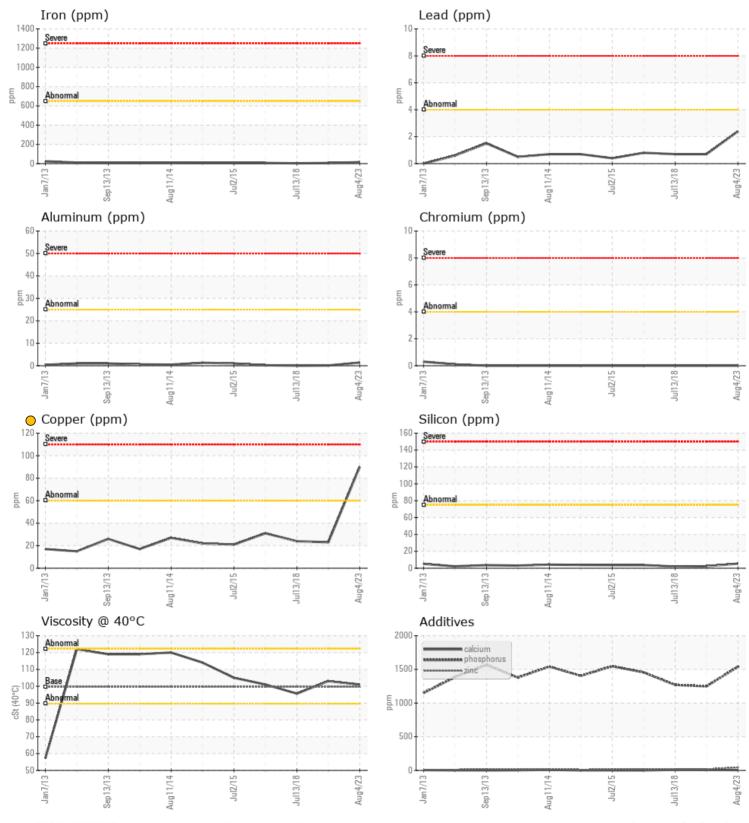
Depot:	POSHAM
Unique No:	5619966
Signed:	Kevin Marson
Report Date:	10 Aug 2023





GRAPHS

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Submitted By: Rick Cule