CONSTRUCTION EQUIPMENT

LIEBHERR 049819 - Front Differential

Sample No: LH0270358

Oil Type:

-

0

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

Sample Number		LH0270358	LH0251892	
Sample Date		31 Jul 2023	19 Jan 2023	
Machine Hours		10944	10083	
Oil Hours		0	0	
Oil Changed		Changed	N/A	
Sample Status		ABNORMAL	ABNORMAL	
OIL C	ONDITION			
Visc @ 40°C	cSt	0 113	0 190	

PETRO CANADA TRAXON 75W90 SYNTHETIC

Silicon	ppm	6	6			
Sodium	ppm	04	○ 5			
Potassium	ppm	○ <1	◯ <1			

~				
WE/	AR META	LS		
Iron	ppm	148	0 167	
Copper	ppm	<u> </u>	0 140	
Lead	ppm	3	03	
Tin	ppm	<mark>()</mark> 14	0 13	
Aluminum	ppm	01	◯ <1	
Chromium	ppm	<mark></mark> <1	○ <1	
Molybdenum	ppm	0 (0	
Nickel	ppm	0 ()	○ <1	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	3	0 4	
Vanadium	ppm	0	0	

03

○ <1

0 40

0

 $\bigcirc 2$

0 2423



MONAGHAN MUSHROOMS LTD

7345 GUELPH LINE CAMPBELLVILLE, ON CA L0P 1B0 Contact: Steven Cargill s.cargill@monaghan-mushrooms.com T: F:

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Copper and tin ppm levels are abnormal. Thrust washer and/or bearing/bushing wear is indicated. There is a moderate concentration of water present in the oil. Free water present. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:	MONCAM
Unique No:	5618880
Signed:	Kevin Marson
Report Date:	03 Aug 2023

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02

0 40

○ <1

0 187

2787

Contact/Location: Steven Cargill - MONCAM

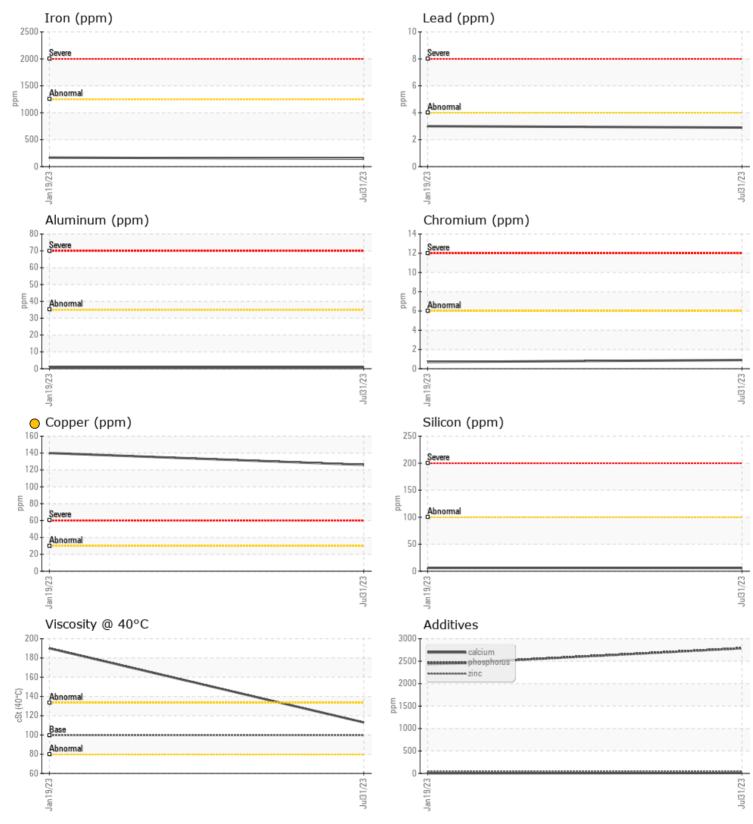






GRAPHS

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Report Id: MONCAM [WCAMIS] 02573829 (Generated: 08/03/2023 12:38:03) Rev: 1

Contact/Location: Steven Cargill - MONCAM