CONSTRUCTION EQUIPMENT

LIEBHERR L566 036511-1168 - Front Differential

Sample No: LH0278891

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

ppm

ppm

ppm

ppm

ppm

ppm

ppm

ADDITIVES

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90

5					
SAMF	PLE INFOR	MATION			
Sample Number		LH0278891	LH0257431	LH0239193	LH0202975
Sample Date		21 Jan 2024	14 Sep 2023	07 Nov 2022	30 Sep 2021
Machine Hours		14008	13330	11757	10700
Oil Hours		0	0	0	0
Oil Changed		Changed	N/A	N/A	N/A
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL
<u> </u>					
OIL CO	NDITION				
Visc @ 40°C	cSt	94.6	O 91.9	O 96.6	O 90.9
Visc @ 100°C	cSt				O 14.4
Viscosity Index (VI)	Scale				O 164
CONT	AMINATI	ON			
Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	3	5
Sodium	ppm	○ <1	O 1	<1	O 7
Potassium	ppm	○ <1	O <1	0	0 8
	R METALS				
Iron	ppm	0 109	O 203	O 91	O 87
Copper	ppm	2	3	O 2	0 2
Lead	ppm	○ <1	0	0	0 <1
Tin	ppm	0	0	0	0
Aluminum	ppm	○ <1	0 <1	0 <1	01
Chromium	ppm	○ <1	0 1	O <1	O <1
Molybdenum	ppm	6	O 16	3	O 6
Nickel	ppm	○ <1	O <1	O 0	O <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	○ <1	O 2	O <1	O <1

15

02

14

0

269

2810

16

11

0

297

2600



Summit Aggregates 2686 Greenfield Blvd. Ayr, ON CA N0B 1E0 Contact: Greg . greg@summitagg.com T: (226)791-0161 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: SUMAYR 5711457 Wes Davis

13

02

07

0

292

3044

13

01

11

0

292

2593

Submitted By: Rick Cule

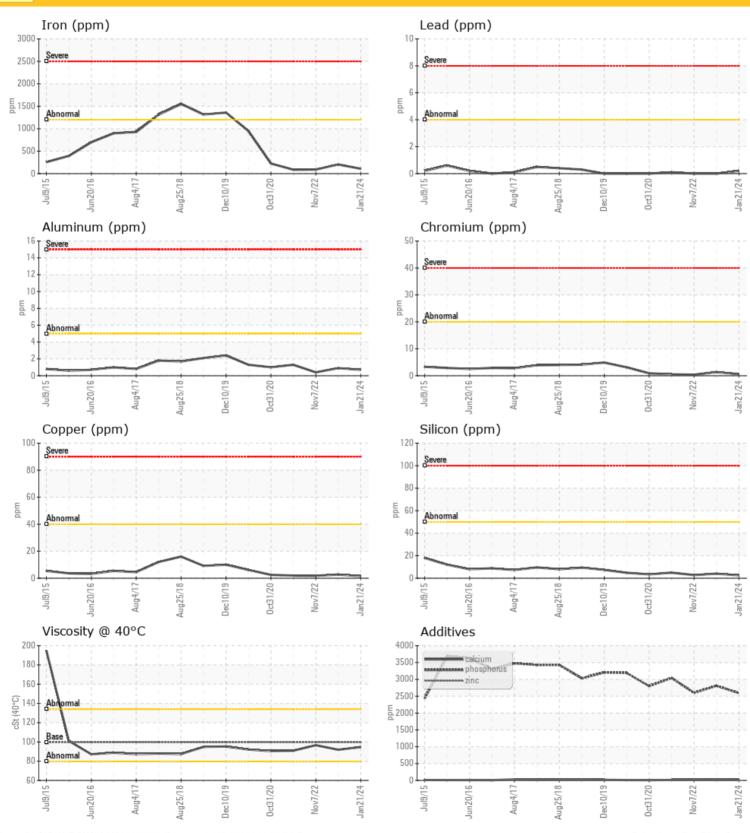
LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS



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Submitted By: Rick Cule