

## LIEBHERR L586 029946 - Splitter Box

Sample No: LH

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Oil Type: LIEBHERR GEAR BASIC 90 LS

## SAMPLE INFORMATION

Sample Number	LH	LH0120242	LH0116502	LH0108125
Sample Date	06 Nov 2023	10 Jul 2018	16 May 2017	07 Sep 2016
Machine Hours	13000	8895	7290	6558
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL
Visc@40°C cSt	90.5	88.7	89.4	82.8
<b>11</b>				

	TAMINA	TION			
Silicon	ppm	0 5	3	2	08
Sodium	ppm	01	0	02	01
Potassium	ppm	◯ <1	0 1	○ <1	0

WEA	R METALS	5			
PQ					52
Iron	ppm	<b>6</b> 2	0 21	0 15	0 189
Copper	ppm	<b>○</b> <1	0	○ <1	○ <1
Lead	ppm	<b>○</b> <1	○ <1	0	○ <1
Tin	ppm	0	0	0	0
Aluminum	ppm	<b>○</b> <1	○ <1	○ <1	01
Chromium	ppm	<b>○</b> <1	0	0	○ <1
Molybdenum	ppm	<b>○</b> <1	○ <1	0	0
Nickel	ppm	0	0	0	○ <1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<b>○</b> <1	○ <1	○ <1	○ <1
Vanadium	ppm	0	0	0	0

0 **ADDITIVES** Calcium 28 ppm 09 23 27 0 10 02 Magnesium  $\bigcirc 3$ ○ <1 ppm 0 16 Zinc 011 0 82 66 ppm Phosphorus ppm 1302 0 1227 0 1248 0 1221 Barium  $\bigcirc 0$ ppm ◯ <1 ○ <1  $\bigcirc 0$ Boron 292 0 305 249 ppm 240





Summit Aggregates

2686 Greenfield Blvd. Ayr, ON CA N0B 1E0 Contact: Greg . greg@summitagg.com T: (226)791-0161 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:	SUMAYR
Unique No:	5680919
Signed:	Wes Davis
Report Date:	13 Nov 2023

Report Id: SUMAYR [WCAMIS] 02595839 (Generated: 11/13/2023 15:30:54) Rev: 1

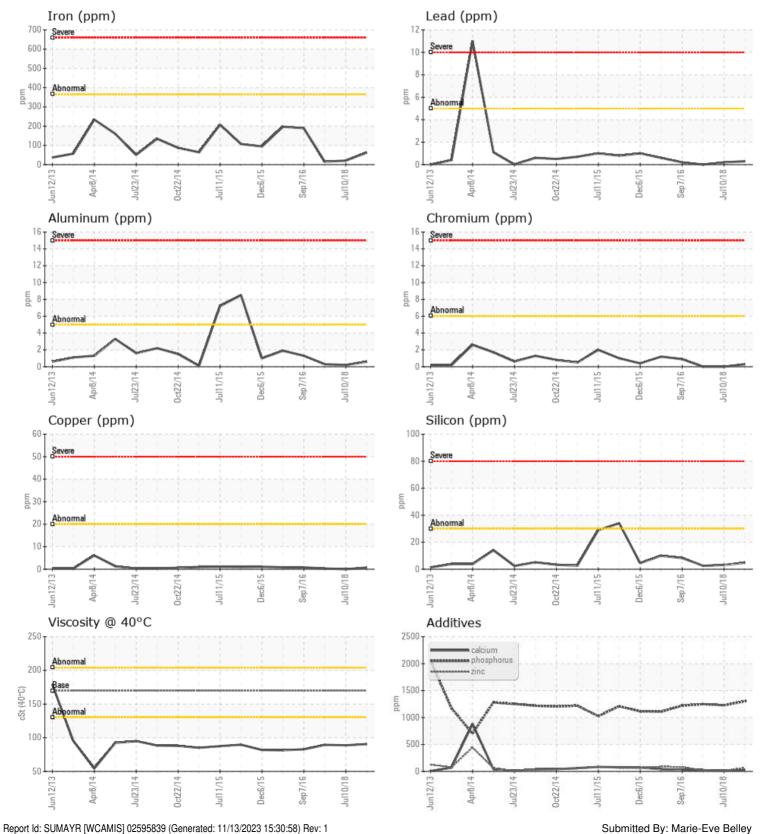
Submitted By: Marie-Eve Belley





GRAPHS

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Submitted By: Marie-Eve Belley