

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
11				

	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	6 2	0 21	0 15	0 189
Copper	ppm	○ <1	0	○ <1	○ <1
Lead	ppm	○ <1	○ <1	0	○ <1
Tin	ppm	0	0	0	0
Aluminum	ppm	○ <1	○ <1	○ <1	01
Chromium	ppm	○ <1	0	0	○ <1
Molybdenum	ppm	○ <1	○ <1	0	0
Nickel	ppm	0	0	0	○ <1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	○ <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

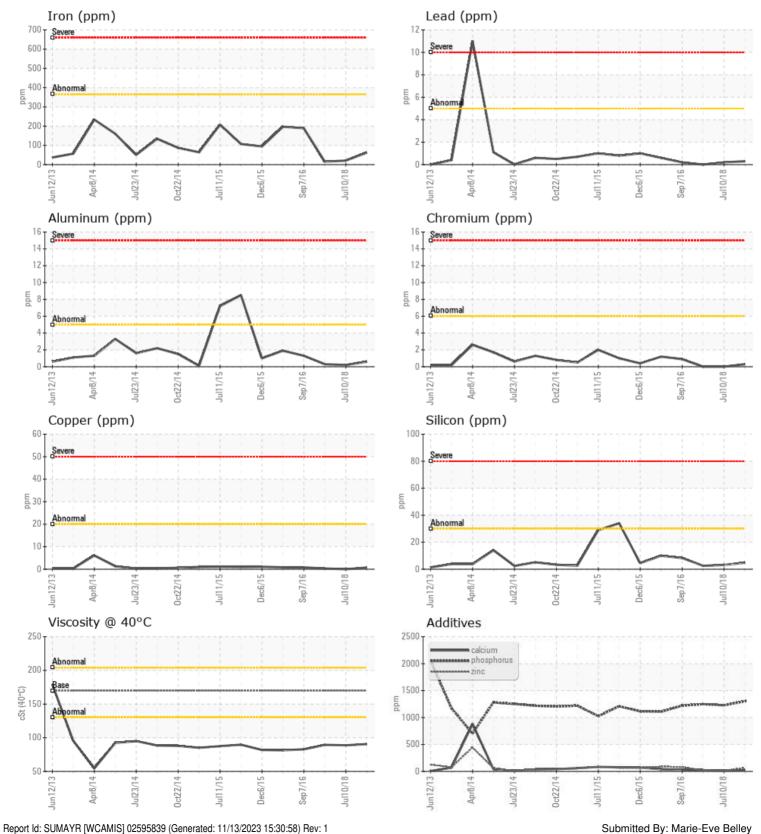
Submitted By: Marie-Eve Belley





GRAPHS

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