



## 116431-1217 - Splitter Box

Sample No: LH0277752

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Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

**ADDITIVES** 

ppm

ppm

ppm

ppm

ppm

ppm

Oil Type: LIEBHERR GEAR BASIC 90 LS

	PLE INFOR/	MATION			
Sample Number		LH0277752	LH0270563	LH0247164	LH0153875
Sample Date		08 Jan 2024	25 Sep 2023	09 May 2023	14 Dec 2022
Machine Hours		8104	7608	7133	6588
Oil Hours		0	0	0	0
Oil Changed		Changed	Changed	Changed	Changed
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL
OIL CONDITION					
Visc @ 40°C	cSt	77.1	88.6	0 102	122

Water	%	NEG	NEG	NEG	NEG	
Silicon	ppm	0 2	0 4	5	2	
Sodium	ppm	01	01	2	0 1	
Potassium	ppm	01	01	◯ <1	◯ <1	

Ä					
WEA	R METALS				
Iron	ppm	<b>0</b> 29	○ 39	36	21
Copper	ppm	01	02	01	○ <1
Lead	ppm	<b>○</b> <1	○ <1	○ <1	○ <1
Tin	ppm	0	0	0	0
Aluminum	ppm	<b>○</b> <1	01	01	○ <1
Chromium	ppm	<b>○</b> <1	○ <1	○ <1	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<b>○</b> <1	○ <1	○ <1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	○ <1	○ <1
Vanadium	ppm	0	0	0	0

0 165

0 235

0 1425

○ <1

0 111

02

186

207

0 1799

61

02

0

0 114

105

0 1922

73

 $\bigcirc 0$ 

 $\bigcirc 1$ 

American Iron and Metal

2555 Sheffield Road Ottawa, ON CA K1B 3V6 Contact: Dan Dupelle ddupelle@aim-rg.com T: (613)228-9380 F: (613)745-0692

## 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:	BAKOTT
Unique No:	5711759
Signed:	Wes Davi
Report Date:	23 Jan 20

11759 es Davis Jan 2024

0 135

0 224

1037

03

0

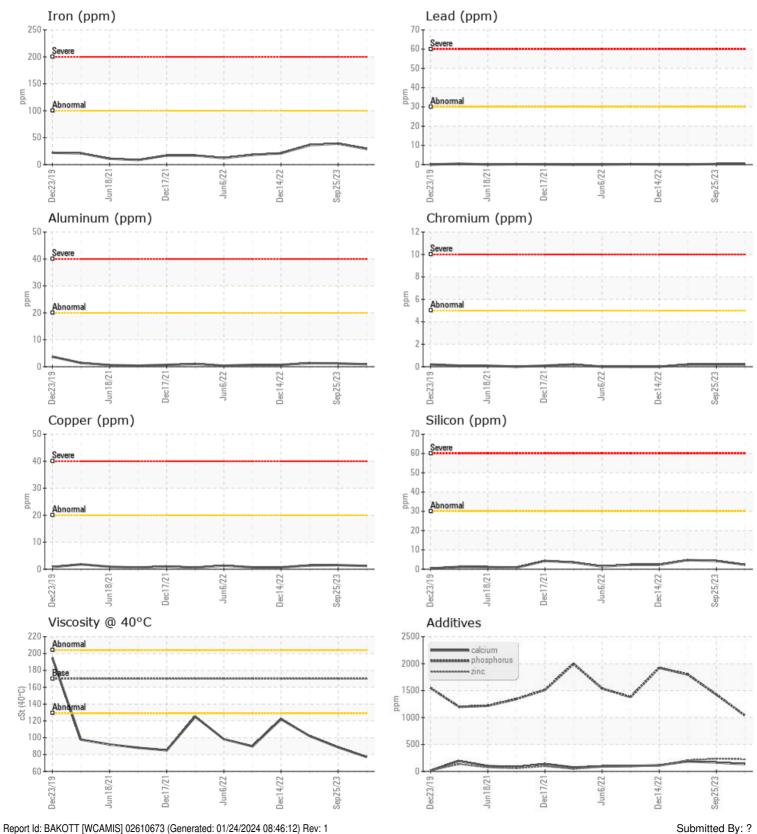
0 51





GRAPHS

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Submitted By: ?