

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(351064)] 122398-1216 - Splitter Box

Sample No: LH0178395

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Sample Information

Sample Number	LH0178395	LH0281248	LH0276907	LH0221744
Sample Date	27 May 2024	07 Feb 2024	31 Oct 2023	19 Oct 2022
Machine Hours	0	5387	5000	2789
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

#### American Iron and Metal

75 Steel City Court  
Hamilton, ON  
CA L8H 3Y2  
Contact: Heavy Equipment  
hamiltonmobileassetmaintenance@aim-recycling.com  
T: (905)547-5533  
F: (905)544-5671



#### Oil Condition

Visc @ 40°C	cSt	93.3	108	143	164
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#### Contamination

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



#### Wear Metals

Iron	ppm	10	11	16	<1
Copper	ppm	<1	<1	<1	0
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	43	42	66	<1
Magnesium	ppm	<1	4	11	0
Zinc	ppm	63	53	77	2
Phosphorus	ppm	1240	1569	2022	2390
Barium	ppm	0	0	0	0
Boron	ppm	159	171	57	4

#### 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: AMEHAM  
Unique No: 5802231  
Signed: Wes Davis  
Report Date: 28 Jun 2024



### Graphs

