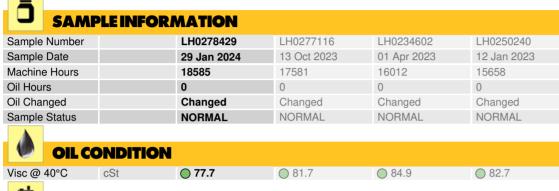
LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR LH50M 110456-1216 - Splitter Box

Sample No: LH0278429

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



CONTAMINATION										
Water	%	NEG	NEG	NEG	NEG					
Silicon	ppm	○ <1	O 2	O 2	3					
Sodium	ppm	2	O <1	O <1	O <1					
Potassium	ppm	1	0	O <1	O <1					

WEA	AR METAI	LS			
Iron	ppm	8	O 11	O 13	O 11
Copper	ppm	○ <1	O <1	O <1	O <1
Lead	ppm	0	O <1	O 0	0
Tin	ppm	0	O 0	O 0	O <1
Aluminum	ppm	 <1	O <1	<1	O <1
Chromium	ppm	0	O 0	0	0
Molybdenum	ppm	○ <1	O <1	O <1	O 0
Nickel	ppm	○ <1	O 0	O 0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	O 0	<1	O 0
Vanadium	ppm	0	0	0	0

ADDITIVES	
Calcium ppm 34 38 30 29	
Magnesium ppm ○ 12 ○ 12 ○ 4	
Zinc ppm 158 184 127 134	
Phosphorus ppm 836 ○ 1108 ○ 1227 ○ 1271	
Barium ppm ○ 0 ○ <1 ○ 0	
Boron ppm ○ 177 ○ 247 ○ 277	



J.D. Irving

Truro Sawmill, 529 Valley Dale Road Truro, NS CA B2N 5C5

Contact: Sheldon Richardson richardson.sheldon@jdirving.com

T: (902)890-9419

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: JDITRU
Unique No: 5723863
Signed: Wes Davis
Report Date: 12 Feb 2024

LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS

