## LIEBHERR

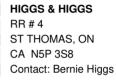




Sample No: LH0286562

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

SAMPLE INFORMATION						
Sample Number	LH0286562	LH0270136				
Sample Date	01 Mar 2024	13 Oct 2023				
Machine Hours	26121	25204				
Oil Hours	0	0				
Oil Changed	N/A	N/A				
Sample Status	NORMAL	NORMAL				
<b>A</b>						



T: (519)631-4095 F: (519)631-2745

CONTAMINATION						
Water	%	NEG	NEG			
Silicon	ppm	<b>0</b> <1	O 1			
Sodium	ppm	<b>0</b> <1	<b>3</b>			
Potassium	ppm	<b>○</b> <1	<b>4</b>			

## 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.

WE/	AR META	LS		
Iron	ppm	<b>12</b>	O 14	 
Copper	ppm	<b>22</b>	O 29	 
Lead	ppm	<b>○</b> <1	O <1	 
Tin	ppm	<b>5</b>	<b>6</b>	 
Aluminum	ppm	<1	<1	 
Chromium	ppm	<b>0</b>	O 0	 
Molybdenum	ppm	<b>0</b>	O 0	 
Nickel	ppm	<b>○</b> <1	O <1	 
Titanium	ppm	0	0	 
Silver	ppm	0	<1	 
Manganese	ppm	<b>0</b>	O 0	 
Vanadium	ppm	0	0	 

Vanadium	ppm	0	0			
ADDITIVES						
Calcium	ppm	<b>3</b>	O 10			
Magnesium	ppm	<b>O</b> <1	<b>1</b>			
Zinc	ppm	<b>6</b>	O 12			
Phosphorus	ppm	<b>789</b>	O 1227			
Barium	ppm	<b>0</b>	O <1			
Boron	ppm	<b>31</b>	○ 306			

Depot:HIGSTTUnique No:5737076Signed:Kevin MarsonReport Date:05 Mar 2024

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## **GRAPHS**

