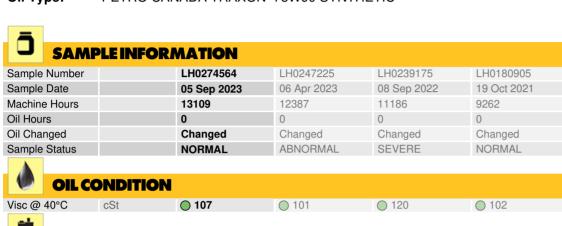
LIEBHERR

CONSTRUCTION EQUIPMENT



Sample No: LH0274564

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



CONTAMINATION									
Silicon	ppm	3	O 2	O 2	O 2				
Sodium	ppm	2	O <1	O 2	O <1				
Potassium	ppm	() <1	O <1	4	O <1				

WEA WEA	R META	LS			
PQ			O 0	0 0	
Iron	ppm	329	0 481	7 61	O 126
Copper	ppm	15	○ 22	1 4	○ 33
Lead	ppm	○ <1	O <1	0	O <1
Tin	ppm	0	O <1	<1	O <1
Aluminum	ppm	○ <1	O <1	O <1	O 0
Chromium	ppm	2	6	1 1	O 1
Molybdenum	ppm	() <1	O <1	O <1	O <1
Nickel	ppm	 <1	O 2	3	O <1
Titanium	ppm	0	0	<1	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	2	O 4	4	O <1
Vanadium	ppm	0	0	0	0

Manganese	ppm	2	U 4	4	0 < 1		
Vanadium	ppm	0	0	0	0		
ADDITIVES							
Calcium	ppm	7	9		0 8		
Magnesium	ppm	1	O 2	0	O 2		
Zinc	ppm	11	O 12	0 8	9		
Phosphorus	ppm	1309	O 1263	716	O 1287		
Barium	ppm	0	0	0	0		
Boron	ppm	232	218	16	○ 300		



American Iron and Metal

75 Steel City Court Hamilton, ON CA L8H 3Y2

Contact: Heavy Equipment

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T: (905)547-5533 F: (905)544-5671

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:AMEHAMUnique No:5633849Signed:Wes DavisReport Date:06 Sep 2023

LIEBHERR

CONSTRUCTION EQUIPMENT





GRAPHS

