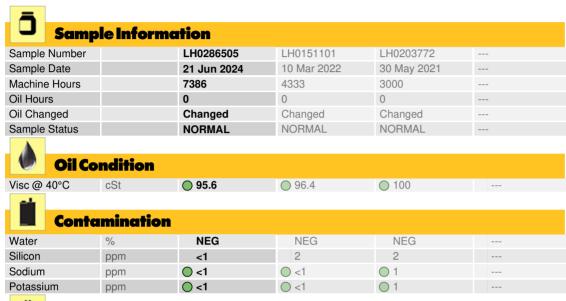
# LIEBHERR

# **CONSTRUCTION EQUIPMENT**

## LIEBHERR LB28 115656 - Crowd Winch Drive

Sample No: LH0286505

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Wear Metals									
Iron	ppm	<b>12</b>	O 24	<b>2</b> 0					
Copper	ppm	<1	1	1					
Lead	ppm	0	0	0					
Tin	ppm	0	0	0					
Aluminum	ppm	<1	<1	<1					
Chromium	ppm	<b>0</b>	<b></b> <1	<1					
Molybdenum	ppm	<b>0</b>	<b>0</b>	<1					
Nickel	ppm	<b>O</b> <1	<b>O</b> <1	<1					
Titanium	ppm	0	0	0					
Silver	ppm	0	0	<1					
Manganese	ppm	<b>0</b>	<b></b> <1	<1					
Vanadium	ppm	0	0	0					

Additives									
Calcium	ppm	<b>19</b>	O 13	25					
Magnesium	ppm	<b>2</b>	O 2	O 2					
Zinc	ppm	<b>11</b>	0 8	<b>1</b> 1					
Phosphorus	ppm	<b>1268</b>	O 1308	O 1161					
Barium	ppm	<b>0</b>	O 0	<1					
Boron	ppm	<b>308</b>	O 324	O 293					



#### LIEBHERR CANADA LTD.

10374 267 ST. ACHESON, AB CA T7X 6A2

Contact: Dustin Fluet dustin.fluet@liebherr.com

T: (780)962-6088 F: (780)962-6799

#### 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:LIESPRUnique No:5814343Signed:Wes DavisReport Date:18 Jul 2024

Contact/Location: Dustin Fluet - LIESPR

**CONSTRUCTION EQUIPMENT** 





### **Graphs**

