

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 053602-1484 - Splitter Box

Sample No: LH0277626

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Sample Information

Sample Number	LH0277626	LH0237713	LH0270377	LH0247092
Sample Date	11 Jan 2024	13 Oct 2023	14 Jul 2023	30 Nov 2022
Machine Hours	7741	7226	6154	5112
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

THOMAS CAVANAGH CONSTRUCTION LTD  
RR # 2, 9094 CAVANAGH ROAD  
ASHTON, ON  
CA K0A 1B0  
Contact: Keith



#### Oil Condition

Visc @ 40°C	cSt	88.4	163	95.1	144

T: (613)257-4995  
F: (613)253-0071



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	4	3	2
Sodium	ppm	0	1	2	3
Potassium	ppm	<1	0	1	<1

#### Diagnosis

The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. The fluid was specified as PETRO CANADA TRAXON 75W90 SYNTHETIC, however, a fluid match indicates that this fluid is SAE 75W90 Gear Oil. Please confirm the oil type and grade on your next sample. Nickel ppm levels are abnormal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



#### Wear Metals

Iron	ppm	34	15	21	24
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	<1	1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	<1	2	4
Nickel	ppm	10	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	12	32	110	398
Magnesium	ppm	4	3	19	33
Zinc	ppm	21	20	77	235
Phosphorus	ppm	881	2128	1442	2230
Barium	ppm	0	<1	<1	0
Boron	ppm	14	67	239	7

Depot: CAVASH  
Unique No: 5710602  
Signed: Kevin Marson  
Report Date: 18 Jan 2024



### Graphs

