

LIEBHERR

CONSTRUCTION EQUIPMENT



[(346464)] LIEBHERR LH30M 124535-1253 - Splitter Box

Sample No: LH0269657

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



JOHN ROSS & SONS LTD.
 85 GLASSY AVENUE
 TRURO, NS
 CA B2N 6Z1
 Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0269657	LH0269645	LH0234542	LH0224222
Sample Date	19 Jan 2024	18 Oct 2023	12 Jun 2022	04 Apr 2022
Machine Hours	5749	5046	2437	2025
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	94.9	94.8	91.9	97.1

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	3	6	2
Sodium	ppm	<1	1	<1	1
Potassium	ppm	1	0	2	1

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.



WEAR METALS

Iron	ppm	16	19	19	11
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	<1	1	<1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	0	0	<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	34	58	77	12
Magnesium	ppm	11	21	2	5
Zinc	ppm	29	47	37	15
Phosphorus	ppm	1230	1193	1275	1227
Barium	ppm	0	<1	0	0
Boron	ppm	298	284	261	213

Depot: JOHTRU
 Unique No: 5720979
 Signed: Wes Davis
 Report Date: 30 Jan 2024



GRAPHS

