

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 035301-1375 - Splitter Box

Sample No: LH0274434

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0274434	LH	LH	LH
Sample Date	15 Aug 2023	19 Jan 2022	16 Jul 2021	31 Mar 2021
Machine Hours	13957	11963	11248	10762
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**American Iron and Metal**  
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#### OIL CONDITION

Visc @ 40°C	cSt	78.9	87.4	94.4	108
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#### CONTAMINATION

Silicon	ppm	2	2	<1	2
Sodium	ppm	1	<1	2	2
Potassium	ppm	<1	1	1	<1



#### WEAR METALS

Iron	ppm	14	15	10	12
Copper	ppm	1	1	<1	<1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	38	28	25	24
Magnesium	ppm	2	2	2	2
Zinc	ppm	133	72	49	31
Phosphorus	ppm	1212	1267	1240	1173
Barium	ppm	0	<1	<1	2
Boron	ppm	264	269	259	215

#### 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: AIMMON  
 Unique No: 5629261  
 Signed: Wes Davis  
 Report Date: 16 Aug 2023



### GRAPHS

