

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 11164-1217 - Splitter Box

Sample No: LH0269653

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	<b>LH0269653</b>	LH0260355	LH0246739	LH0230508
Sample Date	<b>12 Dec 2023</b>	13 Jun 2023	11 Jan 2023	19 Aug 2022
Machine Hours	<b>6995</b>	4735	0	5109
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	N/A	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**American Iron and Metal**

60 SIMMONDS DRIVE

DARTMOUTH, NS

CA B3B 1P6

Contact: Pierre Paille



#### OIL CONDITION

Visc @ 40°C	cSt	<b>76.6</b>	78.8	80.1	80.2
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T: (902)468-9664

F: (902)468-9658



#### CONTAMINATION

Water	%	<b>0.050</b>	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	3	4	6
Sodium	ppm	<b>1</b>	<1	1	2
Potassium	ppm	<b>1</b>	<1	0	0

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	<b>17</b>	12	10	14
Copper	ppm	<b>3</b>	2	2	3
Lead	ppm	<b>&lt;1</b>	<1	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	1	1	<1
Nickel	ppm	<b>0</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>182</b>	163	169	182
Magnesium	ppm	<b>22</b>	20	22	17
Zinc	ppm	<b>187</b>	153	139	142
Phosphorus	ppm	<b>1041</b>	1191	1183	1101
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>216</b>	235	245	245

Depot: AIMDAR

Unique No: 5709014

Signed: Wes Davis

Report Date: 11 Jan 2024



### GRAPHS

