

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 053090-1334 - Splitter Box

Sample No: LH0287066

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### Sample Information

Sample Number	LH0287066	LH0261820	LH0247519	LH0230847
Sample Date	16 Apr 2024	19 May 2023	15 Nov 2022	05 Jul 2022
Machine Hours	10149	8213	7101	6238
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### Waterford Sand and Gravel Ltd.

70 Ewart Avenue  
Brantford, ON  
CA N3T 5M1  
Contact: Ed Lamb  
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T: (905)981-6702  
F:



#### Oil Condition

Visc @ 40°C	cSt	90.2	88.6	94.2	99.4
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#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	2	4	6
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	0	<1	<1	<1



#### Wear Metals

Iron	ppm	10	13	11	8
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	1	0	0	<1
Manganese	ppm	0	<1	<1	0
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	36	72	32	21
Magnesium	ppm	3	4	2	3
Zinc	ppm	37	79	32	18
Phosphorus	ppm	1254	1282	1328	1242
Barium	ppm	0	0	0	0
Boron	ppm	328	286	286	307

#### 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: WAT70BRA2  
Unique No: 5762887  
Signed: Wes Davis  
Report Date: 17 Apr 2024



### Graphs

