

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LB28 T15540 - Left Track Drive

Sample No: LH0291211

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### Sample Information

Sample Number	LH0291211	LH0247303	LH0193041	LH0178456
Sample Date	04 May 2024	17 May 2023	17 May 2021	05 Nov 2020
Machine Hours	12022	11340	10271	9602
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**Maple Site Solutions Inc.**  
766 Old Hespeler Rd.  
Cambridge, ON  
CA N3H 5L8  
Contact: Service Manager



#### Oil Condition

Visc @ 40°C	cSt	102	100	96.4	92.4
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T:  
F:



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	24	43	50	35
Sodium	ppm	3	3	3	3
Potassium	ppm	2	4	5	3

#### 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.



#### Wear Metals

Iron	ppm	44	82	62	51
Copper	ppm	8	15	8	6
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	5	11	14	11
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	1	2	<1	<1
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	<1	<1	<1



#### Additives

Calcium	ppm	27	50	37	21
Magnesium	ppm	5	8	9	4
Zinc	ppm	10	10	9	10
Phosphorus	ppm	1200	1367	1318	1235
Barium	ppm	0	0	<1	<1
Boron	ppm	308	306	321	304

Depot: MAPCAM  
Unique No: 5775096  
Signed: Wes Davis  
Report Date: 07 May 2024



### Graphs

