

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR HS8100 184996 - Right Track Drive

Sample No: LH0284981

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0284981	LH0261256	LH0239657	LH0107717
Sample Date	26 Jan 2024	04 May 2023	29 Jul 2022	23 Jul 2021
Machine Hours	12043	10190	8773	5818
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	SEVERE	NORMAL	NORMAL

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



#### OIL CONDITION

Visc @ 40°C	cSt	102	86.4	103	87.6
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T: (519)631-4095

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#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	142	963	21	24
Sodium	ppm	9	54	2	2
Potassium	ppm	12	107	2	4

#### 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

PQ		---	103	---	---
Iron	ppm	200	979	54	78
Copper	ppm	19	58	4	13
Lead	ppm	<1	2	<1	<1
Tin	ppm	1	3	0	<1
Aluminum	ppm	34	275	5	6
Chromium	ppm	2	10	<1	<1
Molybdenum	ppm	0	1	0	0
Nickel	ppm	2	8	<1	<1
Titanium	ppm	1	15	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	2	16	1	2
Vanadium	ppm	0	1	0	0



#### ADDITIVES

Calcium	ppm	195	1262	42	140
Magnesium	ppm	23	149	4	11
Zinc	ppm	16	24	5	17
Phosphorus	ppm	1209	1284	774	1457
Barium	ppm	0	1	0	0
Boron	ppm	235	273	61	162

Depot: HIGSTT

Unique No: 5737099

Signed: Kevin Marson

Report Date: 06 Mar 2024



### GRAPHS

