

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR HS895 188244 - Front Left Swing Drive

Sample No: LH0289535

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0289535	LH0082463	LH0074641	---
Sample Date	10 May 2024	06 Jun 2014	23 Aug 2013	---
Machine Hours	21278	3692	1957	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



Oil Condition

Visc @ 40°C	cSt	98.0	89.5	85.6	---
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T: (519)631-4095

F: (519)631-2745



Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	2	2	---
Sodium	ppm	1	<1	0	---
Potassium	ppm	<1	<1	2	---

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	23	48	59	---
Copper	ppm	32	<1	<1	---
Lead	ppm	<1	0	0	---
Tin	ppm	2	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	16	20	17	---
Magnesium	ppm	2	<1	1	---
Zinc	ppm	18	11	17	---
Phosphorus	ppm	1158	1292	1426	---
Barium	ppm	0	0	<1	---
Boron	ppm	282	334	259	---

Depot: HIGSTT

Unique No: 5801746

Signed: Wes Davis

Report Date: 26 Jun 2024



Graphs

