

LIEBHERR

CONSTRUCTION EQUIPMENT



[[600286]] LIEBHERR HS895HD 188227 - Left Track Drive

Sample No: LH0286560

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0286560	LH0270138	---	---
Sample Date	01 Mar 2024	13 Oct 2023	---	---
Machine Hours	26121	25204	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



OIL CONDITION

Visc @ 40°C	cSt	73.3	87.7	---	---
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T: (519)631-4095

F: (519)631-2745



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	2	---	---
Sodium	ppm	1	1	---	---
Potassium	ppm	2	<1	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	16	7	---	---
Copper	ppm	4	9	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	0	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	4	1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	123	70	---	---
Magnesium	ppm	64	24	---	---
Zinc	ppm	176	130	---	---
Phosphorus	ppm	683	1103	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	26	255	---	---

Depot: HIGSTT

Unique No: 5737074

Signed: Wes Davis

Report Date: 05 Mar 2024



GRAPHS

