

LIEBHERR

CONSTRUCTION EQUIPMENT



[[600286]] LIEBHERR HS895HD 188227 - Rear Right Slewing C

Sample No: LH0286563

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0286563	---	---	---
Sample Date	01 Mar 2024	---	---	---
Machine Hours	26121	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



OIL CONDITION

Visc @ 40°C	cSt	88.1	---	---	---
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T: (519)631-4095

F: (519)631-2745



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	<1	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	4	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Copper and tin ppm levels are abnormal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	21	---	---	---
Copper	ppm	111	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	10	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	10	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	21	---	---	---
Phosphorus	ppm	782	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	30	---	---	---

Depot: HIGSTT

Unique No: 5737093

Signed: Kevin Marson

Report Date: 06 Mar 2024



GRAPHS

