

LIEBHERR

CONSTRUCTION EQUIPMENT



[[579372]] LIEBHERR HS895HD 188227 - Right Slewing Gear

Sample No: LH0274762

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0274762	---	---	---
Sample Date	13 Oct 2023	---	---	---
Machine Hours	25204	---	---	---
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	● 101	---	---	---
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T: (519)631-4095

F: (519)631-2745



CONTAMINATION

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

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Copper ppm levels are abnormal. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



WEAR METALS

Iron	ppm	● 18	---	---	---
Copper	ppm	● 60	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 3	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 10	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 10	---	---	---
Phosphorus	ppm	● 1219	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 307	---	---	---

Depot: HIGSTT

Unique No: 5658786

Signed: Kevin Marson

Report Date: 18 Oct 2023



GRAPHS

