

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0274761

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0274761	---	---	---
Sample Date	13 Oct 2023	---	---	---
Machine Hours	25204	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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

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	● 64	---	---	---
Copper	ppm	● 42	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 5	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 11	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 15	---	---	---
Phosphorus	ppm	● 1205	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 298	---	---	---

Depot: HIGSTT
Unique No: 5658785
Signed: Kevin Marson
Report Date: 18 Oct 2023



GRAPHS

