

LIEBHERR

CONSTRUCTION EQUIPMENT



[[600286]] LIEBHERR HS895HD 188227 - Right Slewing Gear

Sample No: LH0286564

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0286564	LH0274762	---	---
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	ABNORMAL	---	---

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



OIL CONDITION

Visc @ 40°C	cSt	89.0	101	---	---
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T: (519)631-4095

F: (519)631-2745



CONTAMINATION

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

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	11	18	---	---
Copper	ppm	41	60	---	---
Lead	ppm	<1	2	---	---
Tin	ppm	2	3	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3	10	---	---
Magnesium	ppm	<1	1	---	---
Zinc	ppm	4	10	---	---
Phosphorus	ppm	783	1219	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	32	307	---	---

Depot: HIGSTT

Unique No: 5737094

Signed: Kevin Marson

Report Date: 06 Mar 2024



GRAPHS

