

LIEBHERR

CONSTRUCTION EQUIPMENT



[[593756]] LIEBHERR HS8100 184996 - 2 Slewing Gearbox

Sample No: LH0284982

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0284982	LH0239660	---	---
Sample Date	26 Jan 2024	29 Jul 2022	---	---
Machine Hours	12043	8773	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



OIL CONDITION

Visc @ 40°C	cSt	97.0	96.5	---	---
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T: (519)631-4095

F: (519)631-2745



CONTAMINATION

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

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	35	26	---	---
Copper	ppm	4	2	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	1	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	17	16	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	11	11	---	---
Phosphorus	ppm	1252	1227	---	---
Barium	ppm	0	0	---	---
Boron	ppm	308	313	---	---

Depot: HIGSTT

Unique No: 5737101

Signed: Wes Davis

Report Date: 05 Mar 2024



GRAPHS

