

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR HS8100.1186046 - Left Swing Drive

Sample No: LH0277549

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0277549	LH0239503	---	---
Sample Date	04 Jan 2024	05 Aug 2022	---	---
Machine Hours	3905	530	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



OIL CONDITION

Visc @ 40°C	cSt	101	195	---	---
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T: (519)631-4095

F: (519)631-2745



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	1	1	---	---
Sodium	ppm	<1	3	---	---
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	21	73	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	12	19	---	---
Magnesium	ppm	1	<1	---	---
Zinc	ppm	8	16	---	---
Phosphorus	ppm	1235	1160	---	---
Barium	ppm	0	2	---	---
Boron	ppm	302	<1	---	---

Depot: HIGSTT

Unique No: 5720982

Signed: Wes Davis

Report Date: 30 Jan 2024



GRAPHS

