

LIEBHERR

CONSTRUCTION EQUIPMENT



[[593756]] LIEBHERR HS8100 184996 - Splitter Box

Sample No: LH0284979

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0284979	LH0261247	LH0251622	LH0107716
Sample Date	26 Jan 2024	04 May 2023	13 Jan 2023	23 Jul 2021
Machine Hours	12043	10190	9355	5818
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



OIL CONDITION

Visc @ 40°C	cSt	72.8	69.8	61.3	56.0
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T: (519)631-4095

F: (519)631-2745



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	6	8	6
Sodium	ppm	<1	1	<1	<1
Potassium	ppm	<1	<1	<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	18	17	10
Copper	ppm	2	2	3	2
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	1	<1
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	<1	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	103	114	147	233
Magnesium	ppm	17	6	2	1
Zinc	ppm	141	157	197	256
Phosphorus	ppm	972	1036	889	889
Barium	ppm	0	0	0	0
Boron	ppm	195	187	170	96

Depot: HIGSTT

Unique No: 5737098

Signed: Wes Davis

Report Date: 05 Mar 2024



GRAPHS

