

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR HS8100HD 184996 - Splitter Box

Sample No: LH0289339

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0289339	LH0284979	LH0261247	LH0251622
Sample Date	14 Jun 2024	26 Jan 2024	04 May 2023	13 Jan 2023
Machine Hours	13040	12043	10190	9355
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



Oil Condition

Visc @ 40°C	cSt	71.8	72.8	69.8	61.3
-------------	-----	------	------	------	------

T: (519)631-4095

F: (519)631-2745



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	9	5	6	8
Sodium	ppm	2	<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	23	21	18	17
Copper	ppm	2	2	2	3
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	1	1	1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	112	103	114	147
Magnesium	ppm	18	17	6	2
Zinc	ppm	156	141	157	197
Phosphorus	ppm	972	972	1036	889
Barium	ppm	<1	0	0	0
Boron	ppm	201	195	187	170

Depot: HIGSTT

Unique No: 5800187

Signed: Wes Davis

Report Date: 18 Jun 2024



Graphs

