

LIEBHERR

CONSTRUCTION EQUIPMENT



[[592767]] LIEBHERR HS895 188244 - Splitter Box

Sample No: LH0278946

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0278946	LH0281368	LH0276122	LH0266047
Sample Date	04 Jan 2024	21 Dec 2023	05 Sep 2023	06 Jun 2023
Machine Hours	20588	20420	19868	15269
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	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	71.6	85.8	83.4	79.7

T: (519)631-4095

F: (519)631-2745



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	<1	2	1
Sodium	ppm	<1	<1	1	<1
Potassium	ppm	3	<1	<1	2

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	21	18	17	9
Copper	ppm	2	6	4	2
Lead	ppm	<1	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	2	4	2	1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	92	67	83	94
Magnesium	ppm	30	53	25	21
Zinc	ppm	161	109	134	138
Phosphorus	ppm	688	726	1125	1141
Barium	ppm	0	0	0	0
Boron	ppm	33	25	226	218

Depot: HIGSTT

Unique No: 5711774

Signed: Wes Davis

Report Date: 23 Jan 2024



GRAPHS

