

LIEBHERR

CONSTRUCTION EQUIPMENT



[[600286]] LIEBHERR HS895HD 188227 - Splitter Box

Sample No: LH0286559

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0286559	LH0270220	LH0261273	LH0251597
Sample Date	01 Mar 2024	13 Oct 2023	04 May 2023	08 Mar 2023
Machine Hours	26121	25204	24070	23749
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

HIGGS & HIGGS

RR # 4

ST THOMAS, ON

CA N5P 3S8

Contact: Bernie Higgs



OIL CONDITION

Visc @ 40°C	cSt	78.8	68.2	83.0	77.1
-------------	-----	------	------	------	------

T: (519)631-4095

F: (519)631-2745



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	2	2
Sodium	ppm	1	3	3	2
Potassium	ppm	<1	0	<1	<1

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	33	51	23	26
Copper	ppm	4	5	2	4
Lead	ppm	0	2	1	2
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	3	4	2	1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	69	151	58	54
Magnesium	ppm	39	72	19	16
Zinc	ppm	120	243	132	140
Phosphorus	ppm	805	936	1203	1135
Barium	ppm	0	<1	0	0
Boron	ppm	46	170	232	208

Depot: HIGSTT

Unique No: 5737073

Signed: Wes Davis

Report Date: 05 Mar 2024



GRAPHS

