

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR HS855 184788 - Splitter Box

Sample No: LH0296507

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0296507	LH0281553	LH0261657	LH0239272
Sample Date	25 Jun 2024	29 Dec 2023	10 May 2023	15 Aug 2022
Machine Hours	26574	0	24635	22966
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	N/A
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	80.3	63.8	74.1	93.4
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T: (519)631-4095

F: (519)631-2745



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	2	3	5
Sodium	ppm	<1	2	<1	1
Potassium	ppm	<1	<1	0	<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	12	39	14	26
Copper	ppm	4	6	5	2
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	1	<1	1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	<1	0	0	<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	45	73	51	21
Magnesium	ppm	11	20	13	2
Zinc	ppm	126	233	142	39
Phosphorus	ppm	1073	657	1127	1208
Barium	ppm	<1	<1	0	0
Boron	ppm	228	54	213	224

Depot: HIGSTT

Unique No: 5814036

Signed: Wes Davis

Report Date: 17 Jul 2024



Graphs

