

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 071613-1760 - Splitter Box

Sample No: LH0292407

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



Sample Information

Sample Number	LH0292407	LH0284820	LH0277095	LH0260260
Sample Date	22 Jun 2024	12 Feb 2024	14 Oct 2023	27 Jun 2023
Machine Hours	2202	1640	1054	530
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

BIRCH HILL CONSTRUCTION
 11 MCELROY ST.
 MONCTON, NB
 CA E1C 9T2
 Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	84.7	86.7	98.3	189
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T:
F:



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	<1	70	2
Sodium	ppm	<1	<1	3	8
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

PQ		---	---	---	0
Iron	ppm	13	15	69	176
Copper	ppm	<1	<1	1	2
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	1	2
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	0	4	<1
Nickel	ppm	<1	<1	1	2
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	<1	0	2	18
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	93	61	76	18
Magnesium	ppm	5	5	70	13
Zinc	ppm	83	58	109	88
Phosphorus	ppm	1209	1244	1301	2291
Barium	ppm	<1	0	2	10
Boron	ppm	290	295	242	6

Depot: BIRMON
 Unique No: 5802198
 Signed: Wes Davis
 Report Date: 02 Jul 2024



Graphs

