

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 071613-1760 - Splitter Box

Sample No: LH0284820

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

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

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



OIL CONDITION

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



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	70	2	---
Sodium	ppm	<1	3	8	---
Potassium	ppm	<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	15	69	176	---
Copper	ppm	<1	1	2	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	1	2	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	4	<1	---
Nickel	ppm	<1	1	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	2	18	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	61	76	18	---
Magnesium	ppm	5	70	13	---
Zinc	ppm	58	109	88	---
Phosphorus	ppm	1244	1301	2291	---
Barium	ppm	0	2	10	---
Boron	ppm	295	242	6	---

Depot: BIRMON
 Unique No: 5734605
 Signed: Wes Davis
 Report Date: 22 Feb 2024



GRAPHS

