

LIEBHERR

CONSTRUCTION EQUIPMENT



059596-194 - Splitter Box

Sample No: LH0285116

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0285116	LH0274782	LH0256519	LH0169739
Sample Date	07 Feb 2024	23 Nov 2023	21 Mar 2023	15 Nov 2022
Machine Hours	19498	19244	18037	17530
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

American Iron and Metal

2555 Sheffield Road
Ottawa, ON
CA K1B 3V6
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OIL CONDITION

Visc @ 40°C	cSt	94.4	106	90.2	94.2



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	9	15
Sodium	ppm	<1	<1	<1	1
Potassium	ppm	<1	0	1	<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	39	2	119	86
Copper	ppm	<1	15	<1	<1
Lead	ppm	0	<1	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	0	6	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	25	6	114	8
Magnesium	ppm	10	<1	86	1
Zinc	ppm	36	16	121	15
Phosphorus	ppm	1257	1222	1394	1392
Barium	ppm	0	<1	0	0
Boron	ppm	286	297	276	289

Depot: BAKOTT
Unique No: 5734826
Signed: Wes Davis
Report Date: 23 Feb 2024

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GRAPHS

