

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C 063551 - Front Right Planetary

Sample No: LH0260534

Oil Type: PETRO CANADA TRAXON 80W90



ABC RECYCLING
 750C JACKSON RD
 NANAIMO, BC
 CA V9X 1J2
 Contact: Jordie Richmond
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SAMPLE INFORMATION

Sample Number	LH0260534	LH0224854	LH0224850	LH0226652
Sample Date	30 Jun 2023	20 Mar 2023	18 Nov 2022	09 Aug 2022
Machine Hours	17789	17189	16666	15521
Oil Hours	600	523	500	568
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	135	136	136	137
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CONTAMINATION

Silicon	ppm	2	2	2	2
Sodium	ppm	2	2	2	2
Potassium	ppm	<1	<1	<1	1



WEAR METALS

Iron	ppm	90	88	98	103
Copper	ppm	6	6	7	8
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	7	8	10	11
Magnesium	ppm	3	3	4	4
Zinc	ppm	14	15	16	19
Phosphorus	ppm	1022	1070	1055	984
Barium	ppm	0	0	0	0
Boron	ppm	180	176	166	154

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.

Depot: ABCNAN
 Unique No: 5605643
 Signed: Wes Davis
 Report Date: 07 Jul 2023



GRAPHS

