

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C 063551 - Front Left Planetary

Sample No: LH0284067

Oil Type: PETRO CANADA TRAXON 80W90



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



SAMPLE INFORMATION

Sample Number	LH0284067	LH0260525	LH0260533	LH0246947
Sample Date	18 Mar 2024	15 Nov 2023	30 Jun 2023	20 Mar 2023
Machine Hours	19058	18492	17789	17189
Oil Hours	566	703	600	523
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	MARGINAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	131	128	124	120
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	14	17	13	13
Sodium	ppm	6	7	6	5
Potassium	ppm	6	7	5	2



WEAR METALS

PQ		---	30	---	---
Iron	ppm	244	300	187	95
Copper	ppm	13	17	16	12
Lead	ppm	0	2	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	3	3	3	2
Chromium	ppm	1	2	1	<1
Molybdenum	ppm	3	4	7	9
Nickel	ppm	<1	1	<1	<1
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	<1	0	0
Manganese	ppm	2	3	3	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	60	76	74	67
Magnesium	ppm	38	45	48	57
Zinc	ppm	83	107	139	182
Phosphorus	ppm	969	992	1038	1037
Barium	ppm	1	1	<1	0
Boron	ppm	169	174	132	103

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: 5749556
 Signed: Wes Davis
 Report Date: 26 Mar 2024

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GRAPHS

