

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C 063551 - Rear Right Planetary

Sample No: LH0284069

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	LH0284069	LH0246842	LH0260536	LH0246948
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	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	140	140	138	138
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	3	2
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	0	<1	<1



WEAR METALS

Iron	ppm	44	33	30	40
Copper	ppm	31	25	31	36
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3	11	3	1
Magnesium	ppm	1	1	2	<1
Zinc	ppm	19	19	21	21
Phosphorus	ppm	971	998	1030	1060
Barium	ppm	0	<1	0	0
Boron	ppm	270	254	253	245

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: 5749551
 Signed: Wes Davis
 Report Date: 26 Mar 2024

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GRAPHS

