

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR 924C 053894-1049 - Front Left Planetary

Sample No: LH0281104

Oil Type: PETRO CANADA TRAXON 80W90



ABC RECYCLING

750C JACKSON RD

NANAIMO, BC

CA V9X 1J2

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SAMPLE INFORMATION

Sample Number	LH0281104	LH0260519	LH0246837	LH0224968
Sample Date	18 Jan 2024	12 Jun 2023	21 Feb 2023	12 Oct 2022
Machine Hours	18474	17890	17297	16606
Oil Hours	584	593	691	500
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	● 137	● 134	● 135	● 137
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	● 2	● 2	● 2	● 2
Sodium	ppm	● <1	● 1	● <1	● 2
Potassium	ppm	● 1	● <1	● 0	● 0



WEAR METALS

Iron	ppm	● 18	● 17	● 20	● 21
Copper	ppm	● 1	● 1	● 1	● 1
Lead	ppm	● <1	● 0	● 0	● 1
Tin	ppm	● 0	● 0	● 0	● 0
Aluminum	ppm	● <1	● <1	● <1	● <1
Chromium	ppm	● 0	● 0	● 0	● 0
Molybdenum	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● <1	● <1	● <1
Titanium	ppm	● 0	● 0	● 0	● 0
Silver	ppm	● 0	● 0	● 0	● 0
Manganese	ppm	● 0	● <1	● <1	● <1
Vanadium	ppm	● 0	● 0	● 0	● 0



ADDITIVES

Calcium	ppm	● 11	● 17	● 5	● 9
Magnesium	ppm	● 2	● 3	● 1	● 1
Zinc	ppm	● 14	● 18	● 10	● 13
Phosphorus	ppm	● 980	● 1036	● 1075	● 1076
Barium	ppm	● 0	● 0	● 0	● 0
Boron	ppm	● 230	● 226	● 239	● 228

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: 5720740

Signed: Wes Davis

Report Date: 26 Jan 2024



GRAPHS

