

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR 924C 053894-1049 - Transmission (Manual)

Sample No: LH0281103

Oil Type: PETRO CANADA 15W40



ABC RECYCLING
 750C JACKSON RD
 NANAIMO, BC
 CA V9X 1J2
 Contact: Jordie Richmond
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 T: (250)202-8235
 F:



SAMPLE INFORMATION

Sample Number	LH0281103	LH0246835	LH0206446	LH0192015
Sample Date	18 Jan 2024	21 Feb 2023	29 Nov 2021	27 Apr 2021
Machine Hours	18474	17297	14940	13989
Oil Hours	1177	1000	1000	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	80.4	81.0	85.8	89.1
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CONTAMINATION

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



WEAR METALS

Iron	ppm	25	22	22	24
Copper	ppm	19	14	20	29
Lead	ppm	<1	<1	1	1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	1	1	<1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	48	48	41	35
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	1	0
Manganese	ppm	3	3	3	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	847	877	736	709
Magnesium	ppm	750	764	662	569
Zinc	ppm	952	973	852	804
Phosphorus	ppm	1090	1175	1101	1023
Barium	ppm	0	0	0	0
Boron	ppm	65	59	68	74

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: ABCNAN
 Unique No: 5720705
 Signed: Bill Quesnel
 Report Date: 29 Jan 2024



GRAPHS

