

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C063551 - Rear Left Planetary

Sample No: LH0260535

Oil Type: PETRO CANADA TRAXON 80W90



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	LH0260535	LH0246949	LH0224852	LH0226653
Sample Date	30 Jun 2023	20 Mar 2023	18 Nov 2022	09 Aug 2022
Machine Hours	17789	17189	16666	15521
Oil Hours	0	523	500	561
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	137	137	138	141
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CONTAMINATION

Silicon	ppm	2	2	2	4
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	0	<1



WEAR METALS

Iron	ppm	41	41	31	64
Copper	ppm	43	36	27	84
Lead	ppm	<1	<1	<1	2
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	0	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	5	1	2	6
Magnesium	ppm	1	<1	1	2
Zinc	ppm	28	22	17	50
Phosphorus	ppm	1022	1053	1034	987
Barium	ppm	0	0	0	0
Boron	ppm	253	244	248	255

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: 5605669
 Signed: Wes Davis
 Report Date: 07 Jul 2023

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GRAPHS

