

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A944C060318-194 - Splitter Box

Sample No: LH0276136

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0276136	LH0261362	LH0251356	LH0222704
Sample Date	14 Sep 2023	02 May 2023	09 Jan 2023	02 May 2022
Machine Hours	14629	14126	13618	13115
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GERDAU AMERISTEEL

3000 COPELAND DR

CORNWALL, ON

CA K6H 6P7

Contact: Ross Cotton

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OIL CONDITION

Visc @ 40°C	cSt	94.1	90.9	91.0	90.9
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CONTAMINATION

Silicon	ppm	4	4	4	9
Sodium	ppm	2	2	2	4
Potassium	ppm	1	<1	<1	2



WEAR METALS

Iron	ppm	30	40	50	65
Copper	ppm	3	2	3	3
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	1	1	1	3
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	2
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	<1	<1	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	19	28	36	70
Magnesium	ppm	4	6	9	23
Zinc	ppm	21	29	36	82
Phosphorus	ppm	1221	1400	1367	1482
Barium	ppm	1	1	2	5
Boron	ppm	275	291	291	238

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: GERCON

Unique No: 5643986

Signed: Wes Davis

Report Date: 15 Sep 2023



GRAPHS

