CONSTRUCTION EQUIPMENT

A11315 VOLVO L110F 5151 - TRANSMISSION (AUTO)

Sample No: VCP430668
Oil Type: MOBIL AT 102
Job No: A11315

COVANTA INC
1911 RIVER RD
BAINBRIDGE, PA
US 17502
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SAMPLE INFORMATION

Sample Number		**VCP430668**	VCP140041	VCE158790	VCP134815
Sample Date		**19 Oct 2023**	02 Jul 2013	12 Sep 2012	23 Jul 2012
Machine Hours		**24830**	3887	0	2022
Oil Hours		**2000**	0	0	0
Oil Changed		**Changed**	Not Changd	N/A	Changed
Sample Status		**NORMAL**	NORMAL	NORMAL	NORMAL

OIL CONDITION

Visc @ 40°C	cSt	**28.2**	34.9	34.39	30.35

CONTAMINATION

Silicon	ppm	**3**	4	4	15
Sodium	ppm	**3**	5	4	4
Potassium	ppm	**<1**	6	0	2

WEAR METALS

Iron	ppm	**9**	16	6	23
Copper	ppm	**2**	4	2	5
Lead	ppm	**0**	<1	<1	0
Tin	ppm	**0**	0	0	<1
Aluminum	ppm	**4**	3	1	4
Chromium	ppm	**0**	<1	0	<1
Molybdenum	ppm	**0**	2	3	<1
Nickel	ppm	**0**	<1	0	<1
Titanium	ppm	**0**	<1	<1	0
Silver	ppm	**0**	0	0	0
Manganese	ppm	**<1**	1	<1	4
Vanadium	ppm	**0**	0	0	0

ADDITIVES

Calcium	ppm	**104**	300	288	190
Magnesium	ppm	**4**	36	35	<1
Zinc	ppm	**50**	158	152	30
Phosphorus	ppm	**208**	342	355	299
Barium	ppm	**0**	0	<1	2
Boron	ppm	**73**	86	98	80

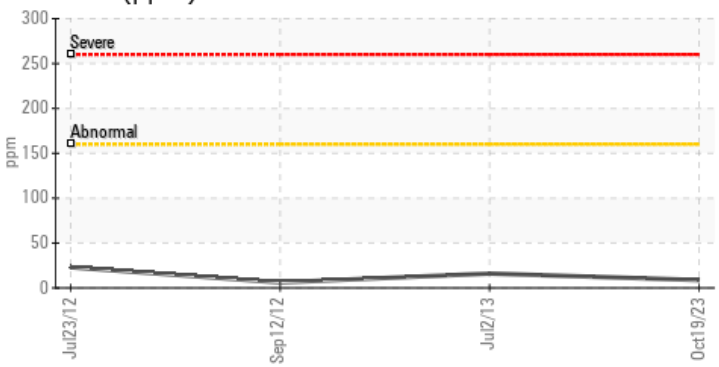
Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

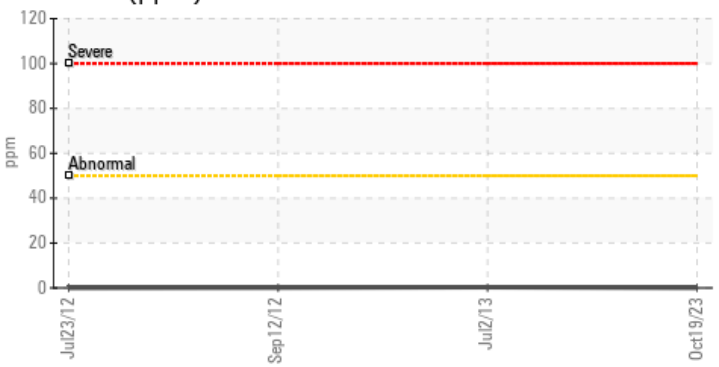
Depot: COVBAI
Unique No: 10712231
Signed: Wes Davis
Report Date: 27 Oct 2023

GRAPHS

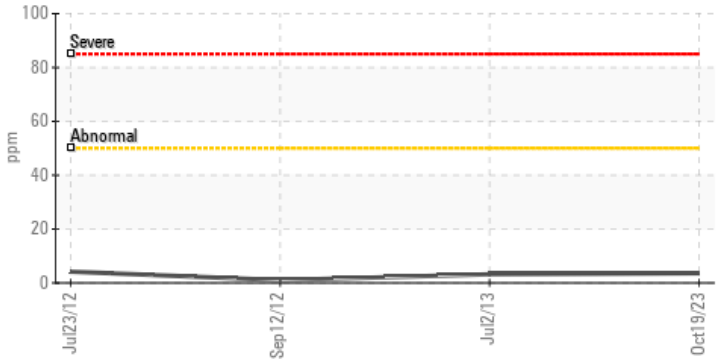
Iron (ppm)



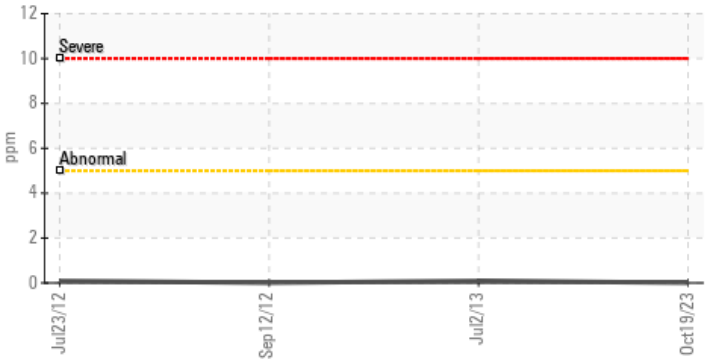
Lead (ppm)



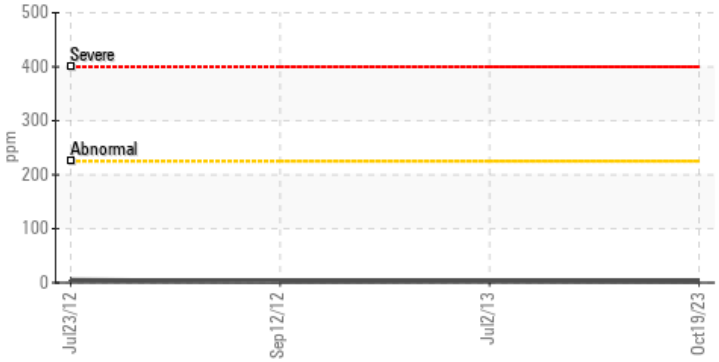
Aluminum (ppm)



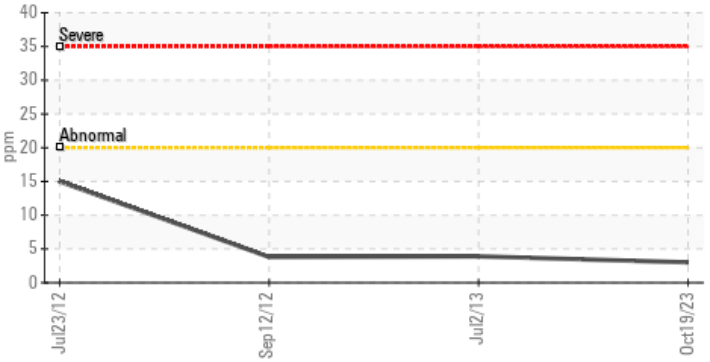
Chromium (ppm)



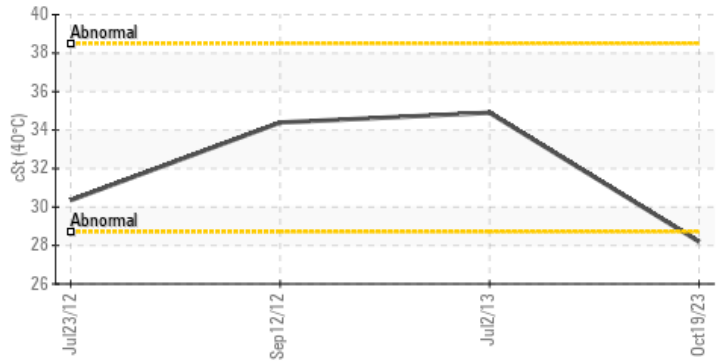
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives