



CONSTRUCTION EQUIPMENT

VOLVO L150G 23510 - TRANSMISSION (AUTO)



Sample No: VCP422813
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP422813	VCP416467	VCP365735	VCP310265
Sample Date	12 Oct 2023	20 Jul 2023	07 Dec 2022	15 Jun 2021
Machine Hours	9808	9618	7814	4745
Oil Hours	0	0	0	4000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

COVANTA ENERGY

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 CHESTER, PA
 US 19013
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 jacoles@covantaenergy.com
 T: (610)497-8115
 F: (610)497-8042



OIL CONDITION

Visc @ 40°C	cSt	26.6	28.15	28.1	27.0
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CONTAMINATION

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



WEAR METALS

Iron	ppm	132	133	63	▲ 196
Copper	ppm	5	3	2	11
Lead	ppm	<1	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	<1	<1	1
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	1	<1	1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	109	103	101	107
Magnesium	ppm	4	0	7	<1
Zinc	ppm	6	17	14	13
Phosphorus	ppm	216	238	203	192
Barium	ppm	0	0	0	0
Boron	ppm	97	111	84	79

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: COVCHE
Unique No: 10709672
Signed: Sean Felton
Report Date: 25 Oct 2023

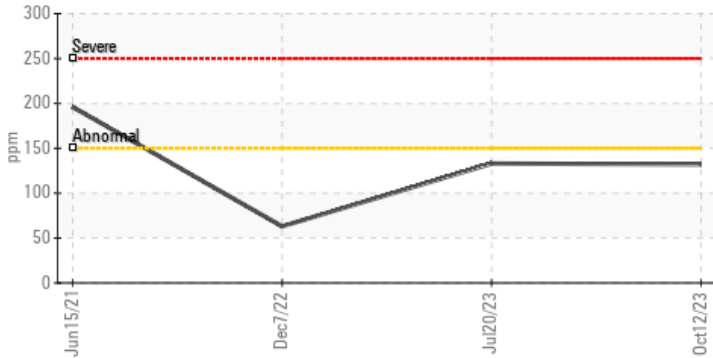


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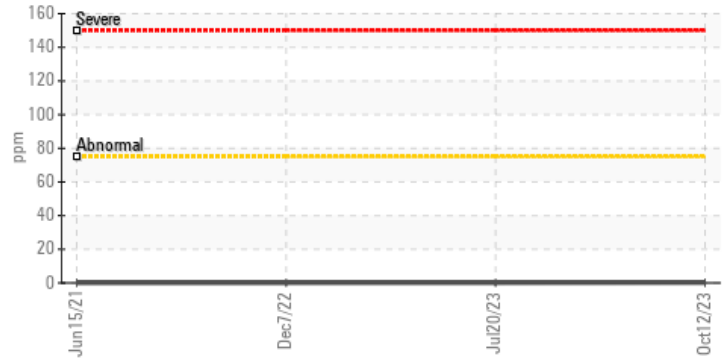


GRAPHS

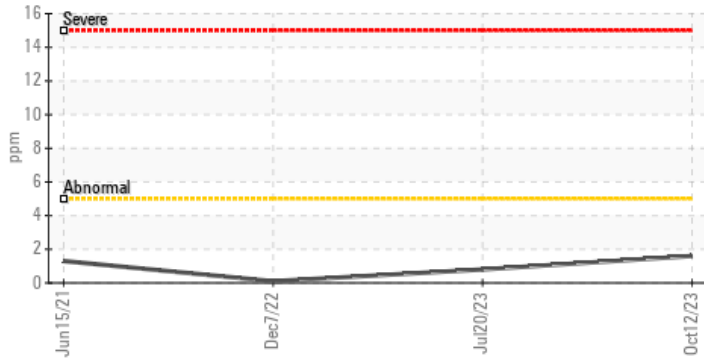
Iron (ppm)



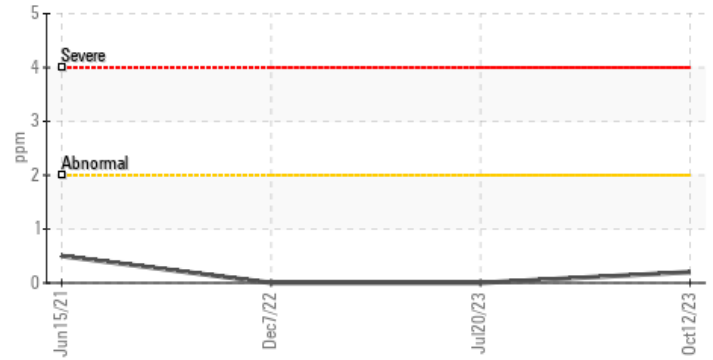
Lead (ppm)



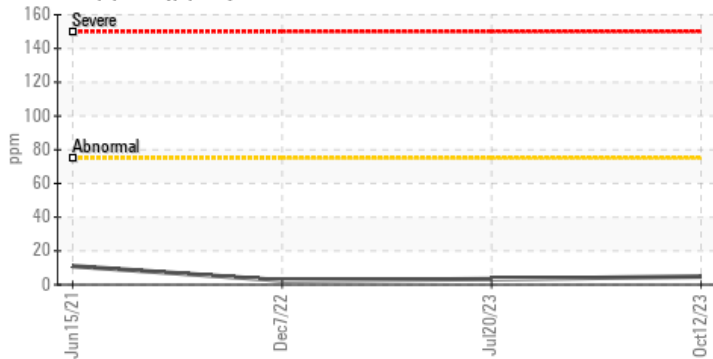
Aluminum (ppm)



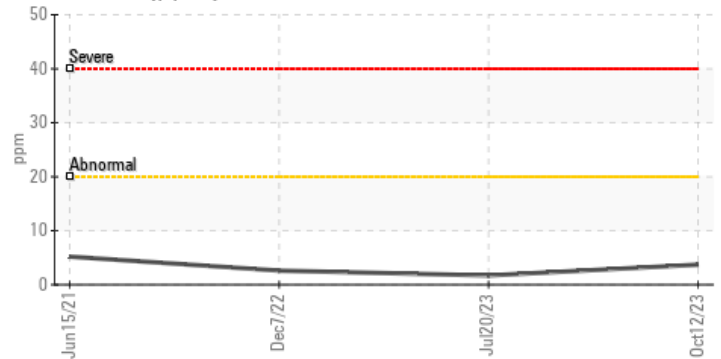
Chromium (ppm)



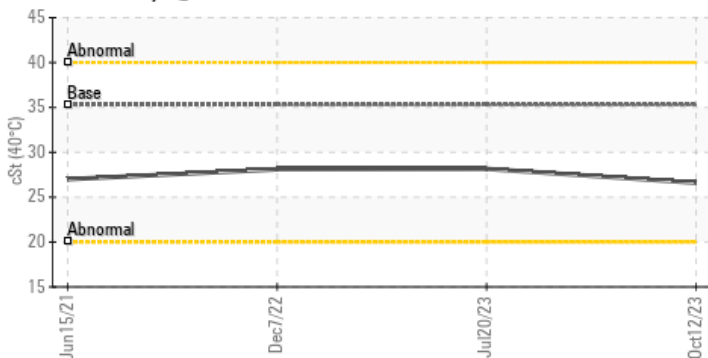
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

