



CONSTRUCTION EQUIPMENT

600105 CRC VOLVO L120H 632093 - TRANSMISSION (AUTO)



Sample No: VCP346238
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 600105 CRC



SAMPLE INFORMATION

Sample Number	VCP346238	VCP363786	VCP304504	VCP256193
Sample Date	31 Mar 2023	11 Oct 2022	18 Apr 2022	22 Sep 2021
Machine Hours	0	16539	15363	13474
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

PACWEST MACHINERY
 8207 SOUTH 216TH STREET
 KENT, WA
 US 98032
 Contact: DAN SLAGLE
 dslagle@pacwestmachinery.com
 T: (206)482-4179
 F: (509)534-5286



OIL CONDITION

Visc @ 40°C	cSt	27.6	29.2	26.6	26.2
-------------	-----	-------------	------	------	------



CONTAMINATION

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

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.



WEAR METALS

Iron	ppm	28	27	44	24
Copper	ppm	4	2	5	3
Lead	ppm	<1	0	<1	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	5	3	5	6
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	<1	<1	1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	<1	2	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	70	74	70	130
Magnesium	ppm	2	1	0	13
Zinc	ppm	7	4	4	32
Phosphorus	ppm	188	198	189	221
Barium	ppm	2	0	0	0
Boron	ppm	84	84	78	89

Depot: VOLVO1271
Unique No: 10662091
Signed: Wes Davis
Report Date: 27 Sep 2023

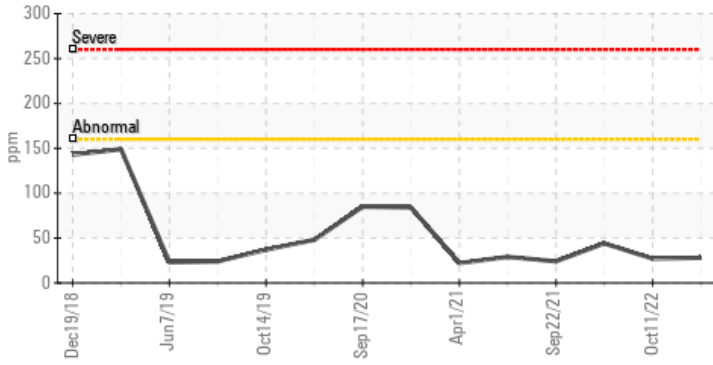


CONSTRUCTION EQUIPMENT

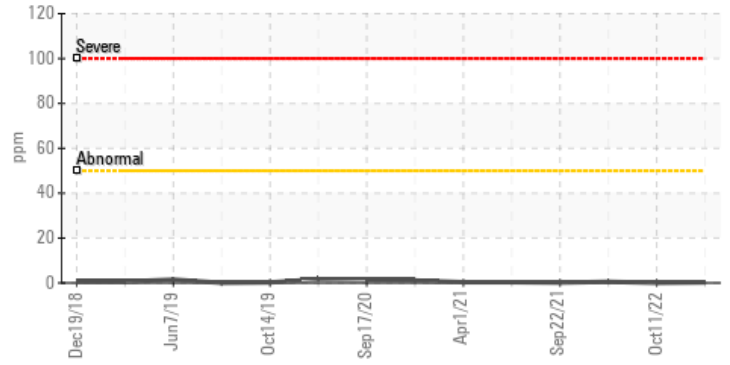


GRAPHS

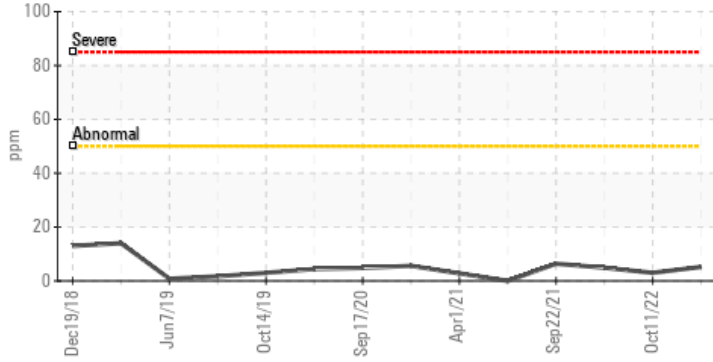
Iron (ppm)



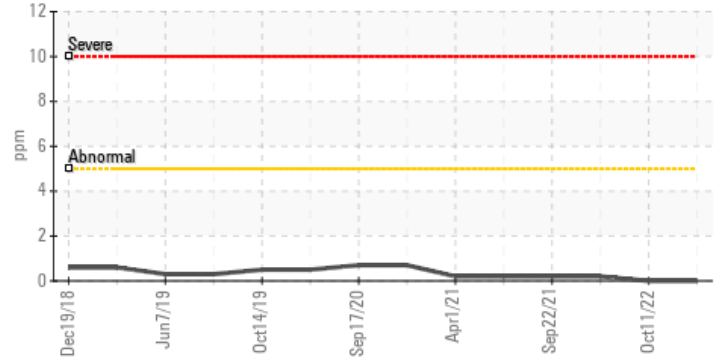
Lead (ppm)



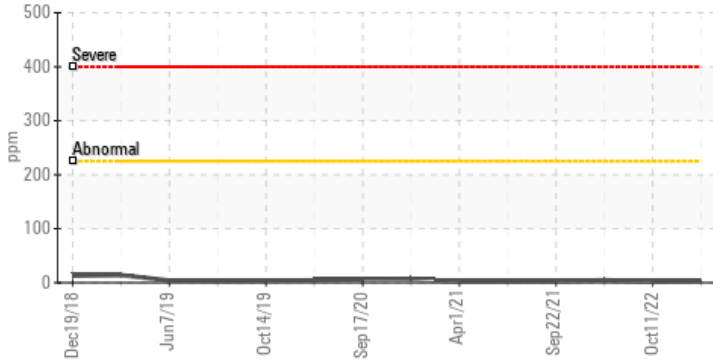
Aluminum (ppm)



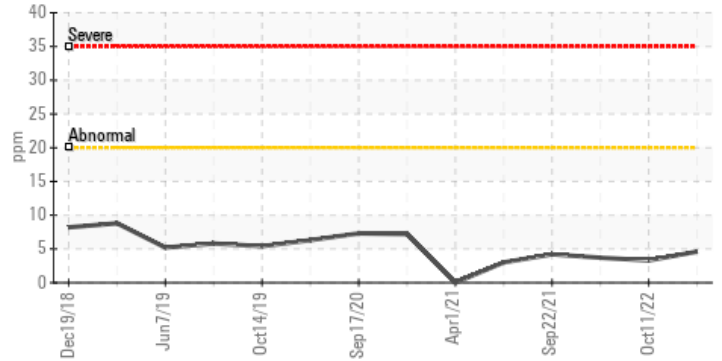
Chromium (ppm)



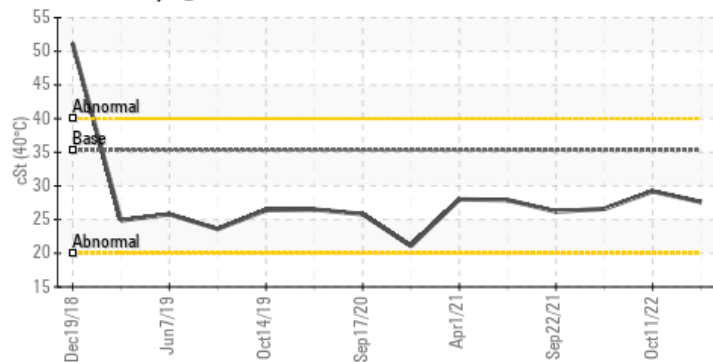
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives

