CONSTRUCTION EQUIPMENT
VOLVO L120H 633400 - TRANSMISSION (AUTO)

Sample No: VCP443838
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:

CITY CARTING
221 OLD GATE LN
MILFORD, CT
US 06460
Contact: TAVINS BANKS
tavins@citycart.net
T: (203)223-3885
F:

SAMPLE INFORMATION

Sample Number		**VCP443838**	VCP438996	VCP437222	VCP442186
Sample Date		**13 Jun 2024**	12 Apr 2024	20 Feb 2024	19 Oct 2023
Machine Hours		**3134**	0	2033	1010
Oil Hours		**0**	0	0	1010
Oil Changed		**Changed**	Changed	Changed	Changed
Sample Status		**NORMAL**	NORMAL	NORMAL	NORMAL

OIL CONDITION

Visc @ 40°C	cSt	**27.9**	28.1	28.1	28.6

CONTAMINATION

Water	%	**NEG**	NEG	NEG	NEG
Silicon	ppm	**3**	2	4	10
Sodium	ppm	**2**	<1	3	4
Potassium	ppm	**2**	0	<1	<1

WEAR METALS

Iron	ppm	**8**	6	15	44
Copper	ppm	**2**	<1	2	5
Lead	ppm	**0**	0	0	0
Tin	ppm	**0**	0	0	0
Aluminum	ppm	**2**	0	0	<1
Chromium	ppm	**0**	<1	0	0
Molybdenum	ppm	**0**	0	0	0
Nickel	ppm	**0**	0	0	0
Titanium	ppm	**0**	0	0	0
Silver	ppm	**0**	0	0	0
Manganese	ppm	**<1**	<1	<1	4
Vanadium	ppm	**0**	0	0	0

ADDITIVES

Calcium	ppm	**65**	71	70	79
Magnesium	ppm	**0**	0	0	12
Zinc	ppm	**3**	0	<1	3
Phosphorus	ppm	**211**	210	176	184
Barium	ppm	**0**	0	0	1
Boron	ppm	**90**	114	89	81

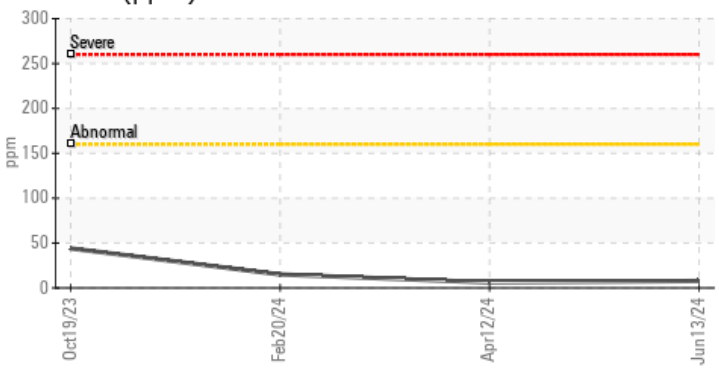
Diagnosis

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.

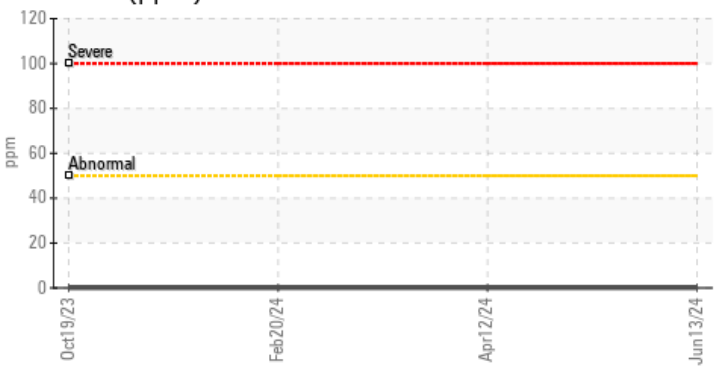
Depot: CITMILCON
Unique No: 11099927
Signed: Don Baldridge
Report Date: 28 Jun 2024

GRAPHS

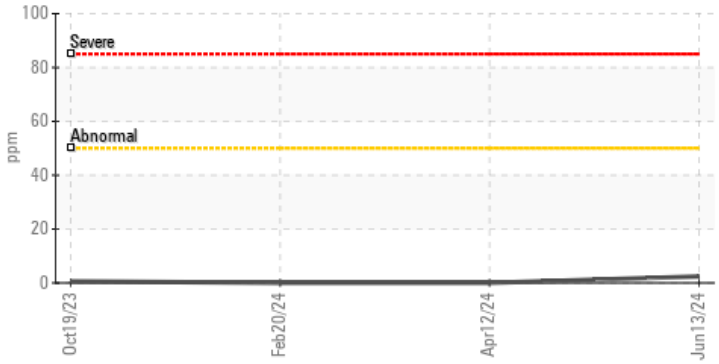
Iron (ppm)



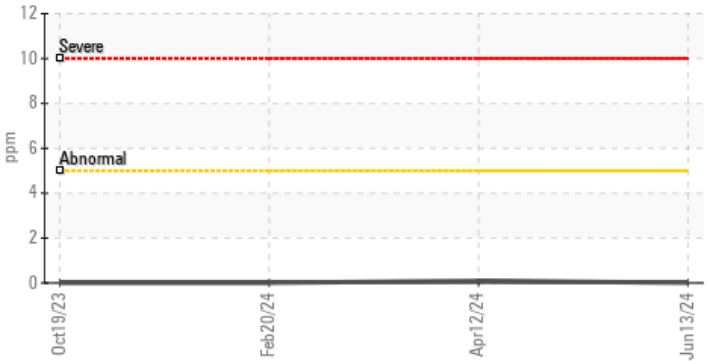
Lead (ppm)



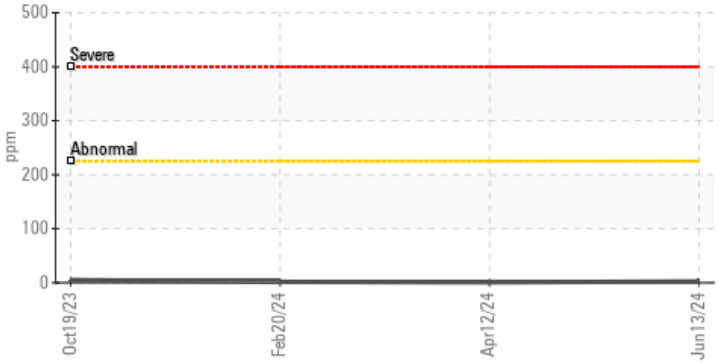
Aluminum (ppm)



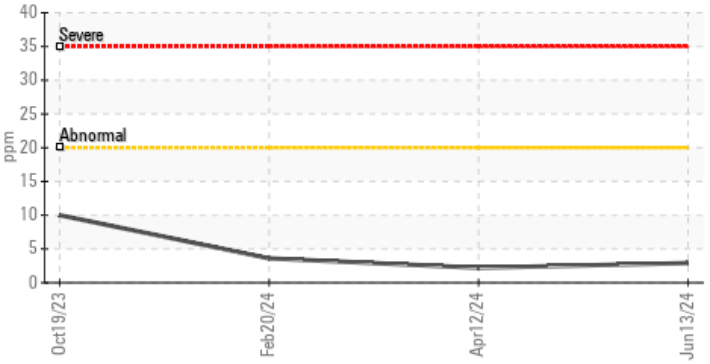
Chromium (ppm)



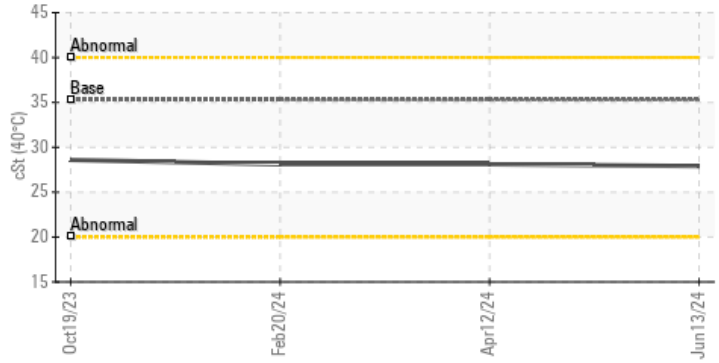
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives