



CONSTRUCTION EQUIPMENT

SWA316463-10 VOLVO L220F 6214 - TRANSMISSION (AUTO)



Sample No: VCP418951
Oil Type: VOLVO AT 102
Job No: SWA316463-10



SAMPLE INFORMATION

Sample Number	VCP418951	VCP294915	VCP323083	VCP307027
Sample Date	03 Aug 2023	12 Oct 2021	03 Aug 2021	19 May 2021
Machine Hours	34165	33000	32500	32000
Oil Hours	0	3000	2500	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

WHEELBRATOR

1 CHARLES POINT AVE
 PEEKSKILL, NY
 US 10566
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	28.0	28.3	26.6	27.7
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T:
F:



CONTAMINATION

Silicon	ppm	12	4	4	4
Sodium	ppm	0	2	2	<1
Potassium	ppm	2	0	<1	1

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	42	21	25	21
Copper	ppm	41	5	3	3
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	364	498	90	96
Magnesium	ppm	4	3	2	2
Zinc	ppm	123	170	4	9
Phosphorus	ppm	266	264	160	160
Barium	ppm	0	0	0	0
Boron	ppm	84	59	90	115

Depot: WHEPEE
Unique No: 10617712
Signed: Sean Felton
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

