



CONSTRUCTION EQUIPMENT

SWA305088-10 VOLVO L220H 3195 - TRANSMISSION (AUTO)



Sample No: VCP419121
Oil Type: VOLVO AT 102
Job No: SWA305088-10



SAMPLE INFORMATION

Sample Number	VCP419121	VCP390232	VCP336117	VCP332100
Sample Date	21 Aug 2023	01 Nov 2022	20 Jun 2022	04 Jan 2022
Machine Hours	10636	8642	7636	6553
Oil Hours	0	0	0	2000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ABNORMAL	ABNORMAL	NORMAL	NORMAL

CALLANAN INDUSTRIES
 93 SULLIVAN RD
 MONTICELLO, NY
 US 12701
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	27.3	27.8	27.9	26.2
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T:
F:



CONTAMINATION

Silicon	ppm	4	3	4	3
Sodium	ppm	0	1	5	2
Potassium	ppm	1	0	9	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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	▲ 177	111	32	94
Copper	ppm	7	4	2	6
Lead	ppm	<1	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	1	1	<1	2
Chromium	ppm	1	1	<1	<1
Molybdenum	ppm	<1	1	<1	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	2	0
Manganese	ppm	3	2	<1	2
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	91	89	48	97
Magnesium	ppm	2	0	0	0
Zinc	ppm	15	0	4	15
Phosphorus	ppm	188	201	175	162
Barium	ppm	0	0	0	0
Boron	ppm	99	88	37	68

Depot: CALMONNY
Unique No: 10617714
Signed: Sean Felton
Report Date: 25 Aug 2023



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VOLVO GRAPHS

