



CONSTRUCTION EQUIPMENT

HANSON VOLVO L220H 3137 - TRANSMISSION (AUTO)



Sample No: VCP421581
Oil Type: VOLVO AT 102
Job No: HANSON



SAMPLE INFORMATION

Sample Number	VCP421581	ASC0006344	VCP423905	VCP414028
Sample Date	14 Mar 2024	18 Jan 2024	24 Aug 2023	12 Jul 2023
Machine Hours	9077	8714	8073	7687
Oil Hours	0	4000	0	0
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

113 - ASCENDUM MACHINERY INC - GARNER
 3561 JONES SAUSAGE ROAD
 GARNER, NC
 US 27529
 Contact: TRENT BROADWELL
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OIL CONDITION

Visc @ 40°C	cSt	28.3	27.9	25.6	28.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	4	3
Sodium	ppm	0	3	4	<1
Potassium	ppm	2	0	0	1

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	60	169	121	95
Copper	ppm	2	6	5	4
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	2	2	4	2
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	3	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	81	90	86	90
Magnesium	ppm	2	2	8	4
Zinc	ppm	6	8	9	3
Phosphorus	ppm	198	203	205	211
Barium	ppm	0	0	0	0
Boron	ppm	90	85	95	74

Depot: VOLV00157
Unique No: 10936929
Signed: Don Baldrige
Report Date: 21 Mar 2024



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VOLVO GRAPHS

