



CONSTRUCTION EQUIPMENT

VOLVO L220H 2940 - TRANSMISSION (AUTO)



Sample No: VCP436289
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP436289	VCP428535	VCP414008	VCP345697
Sample Date	03 Apr 2024	05 Dec 2023	22 Aug 2023	27 Jan 2022
Machine Hours	8626	8123	7630	3597
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	24.0	28.1	27.3	26.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	4	7
Sodium	ppm	1	2	6	<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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	99	74	▲ 159	155
Copper	ppm	5	3	7	9
Lead	ppm	<1	0	0	<1
Tin	ppm	1	0	0	<1
Aluminum	ppm	2	<1	5	4
Chromium	ppm	2	<1	2	1
Molybdenum	ppm	1	0	0	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	3	6
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	80	72	81	97
Magnesium	ppm	2	2	3	<1
Zinc	ppm	8	<1	7	13
Phosphorus	ppm	215	188	196	166
Barium	ppm	<1	0	0	4
Boron	ppm	84	96	81	56

Depot: SAIBIR
Unique No: 10968271
Signed: Doug Bogart
Report Date: 11 Apr 2024



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GRAPHS

