



CONSTRUCTION EQUIPMENT

SWO-064940 VOLVO A60 340104 - TRANSMISSION



Sample No: VCP426206
Oil Type: NOT GIVEN
Job No: SWO-064940



SAMPLE INFORMATION

Sample Number	VCP426206	VCP364033	VCP364254	VCP354419
Sample Date	24 Aug 2023	08 Nov 2022	29 Aug 2022	14 Jun 2022
Machine Hours	8689	7528	6996	6257
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	84.3	85.4	83.6	88.5
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CONTAMINATION

Silicon	ppm	9	8	6	7
Sodium	ppm	0	0	<1	1
Potassium	ppm	1	2	2	2

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	7	8	4	4
Copper	ppm	3	3	4	2
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	2	2	2	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	39	43	37	37
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	10	14	11	5
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1644	1775	1717	1773
Magnesium	ppm	459	462	417	447
Zinc	ppm	1031	1072	1001	1076
Phosphorus	ppm	914	950	889	903
Barium	ppm	0	0	<1	0
Boron	ppm	83	93	112	125

Depot: SAIBIR
Unique No: 10630586
Signed: Don Baldrige
Report Date: 05 Sep 2023



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GRAPHS

