



CONSTRUCTION EQUIPMENT

SWO-064939 VOLVO A45G 352973 - TRANSMISSION (AUTO)



Sample No: VCP427496
Oil Type: DEXRON III
Job No: SWO-064939



SAMPLE INFORMATION

Sample Number	VCP427496	VCP405905	VCP405236	VCP393728
Sample Date	24 Aug 2023	06 Jun 2023	21 Mar 2023	20 Dec 2022
Machine Hours	3044	2472	2001	1655
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.7	27.9	29.4	28.8
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CONTAMINATION

Silicon	ppm	6	3	6	6
Sodium	ppm	2	2	3	2
Potassium	ppm	1	3	2	2



WEAR METALS

Iron	ppm	26	16	14	10
Copper	ppm	11	6	8	6
Lead	ppm	0	0	0	0
Tin	ppm	2	<1	<1	<1
Aluminum	ppm	9	7	5	3
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	2	1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	105	87	71	68
Magnesium	ppm	4	3	1	1
Zinc	ppm	15	<1	6	4
Phosphorus	ppm	194	177	201	182
Barium	ppm	0	0	0	0
Boron	ppm	89	81	94	82

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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.

Depot: SAIBIR
Unique No: 10630587
Signed: Don Baldrige
Report Date: 05 Sep 2023



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GRAPHS

