



CONSTRUCTION EQUIPMENT

SWO-064954 VOLVO A45G 342096 - TRANSMISSION (AUTO)



Sample No: VCP411754
Oil Type: DEXRON III
Job No: SWO-064954



SAMPLE INFORMATION

Sample Number	VCP411754	VCP405963	VCP393681	VCP337671
Sample Date	22 Aug 2023	08 May 2023	16 Dec 2022	23 Aug 2022
Machine Hours	9107	8608	8113	7528
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.8	28.2	27.9	28.3
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CONTAMINATION

Silicon	ppm	2	2	3	2
Sodium	ppm	2	2	3	0
Potassium	ppm	0	1	0	1



WEAR METALS

Iron	ppm	7	5	7	2
Copper	ppm	3	2	5	3
Lead	ppm	0	0	0	0
Tin	ppm	<1	1	<1	<1
Aluminum	ppm	8	4	5	4
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	0	<1	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	103	81	72	74
Magnesium	ppm	6	5	2	2
Zinc	ppm	14	0	0	4
Phosphorus	ppm	185	186	165	198
Barium	ppm	0	0	0	<1
Boron	ppm	93	78	97	112

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.

Depot: SAIBIR
Unique No: 10622909
Signed: Don Baldrige
Report Date: 30 Aug 2023

VOLVO **GRAPHS**

