



CONSTRUCTION EQUIPMENT

SWO-064855 VOLVO A45G 352915 - TRANSMISSION (AUTO)



Sample No: VCP413516
Oil Type: DEXRON III
Job No: SWO-064855



SAMPLE INFORMATION

Sample Number	VCP413516	VCP414102	VCP397702	VCP365965
Sample Date	15 Aug 2023	26 May 2023	19 Jan 2023	28 Sep 2022
Machine Hours	2344	1912	1420	978
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

SAIIA CONSTRUCTION LLC

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OIL CONDITION

Visc @ 40°C	cSt	28.2	27.9	28.1	28.3
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CONTAMINATION

Silicon	ppm	6	10	12	18
Sodium	ppm	1	10	10	12
Potassium	ppm	4	6	8	4



WEAR METALS

Iron	ppm	52	124	120	117
Copper	ppm	27	50	46	42
Lead	ppm	<1	0	1	2
Tin	ppm	2	5	4	3
Aluminum	ppm	8	16	13	10
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	<1	<1	<1	2
Nickel	ppm	4	8	7	7
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	2
Manganese	ppm	3	8	8	10
Vanadium	ppm	0	0	0	2



ADDITIVES

Calcium	ppm	77	71	71	76
Magnesium	ppm	4	5	6	0
Zinc	ppm	69	179	179	187
Phosphorus	ppm	180	189	182	200
Barium	ppm	0	0	0	0
Boron	ppm	68	16	19	21

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: 10617720
Signed: Sean Felton
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

