



# CONSTRUCTION EQUIPMENT

## 12046 VOLVO A35D 72314 - TRANSMISSION (AUTO)



Sample No: VCP443200

Oil Type: DEXRON III

Job No: 12046



### SAMPLE INFORMATION

Sample Number	<b>VCP443200</b>	VCP389240	VCP310231	VCP254292
Sample Date	<b>06 Feb 2024</b>	30 Sep 2022	29 Jul 2021	31 Mar 2020
Machine Hours	<b>11246</b>	10575	9836	9047
Oil Hours	<b>0</b>	1000	500	300
Oil Changed	<b>N/A</b>	Changed	Not Changd	Changed
Sample Status	<b>ABNORMAL</b>	ABNORMAL	ABNORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.8</b>	27.24	27.3	28.1
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	3	2	3
Sodium	ppm	<b>3</b>	4	4	7
Potassium	ppm	<b>0</b>	<1	<1	5

### Diagnosis

We recommend an early resample to monitor this condition. Clutch and/or bushing/bearing wear is indicated. 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	<b>12</b>	25	15	14
Copper	ppm	<b>259</b>	494	286	193
Lead	ppm	<b>3</b>	11	8	6
Tin	ppm	<b>10</b>	23	14	9
Aluminum	ppm	<b>8</b>	12	8	6
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>0</b>	1	1	2
Nickel	ppm	<b>0</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>113</b>	163	174	270
Magnesium	ppm	<b>4</b>	10	10	15
Zinc	ppm	<b>13</b>	43	39	80
Phosphorus	ppm	<b>208</b>	198	206	231
Barium	ppm	<b>0</b>	2	0	0
Boron	ppm	<b>98</b>	66	114	79

**Depot:** JAAPHI  
**Unique No:** 10873857  
**Signed:** Don Baldrige  
**Report Date:** 13 Feb 2024



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## GRAPHS

