



CONSTRUCTION EQUIPMENT

W03006477-1 VOLVO A25D 72376 - TRANSMISSION (AUTO)



Sample No: VCP401963
Oil Type: NOT GIVEN
Job No: W03006477-1



SAMPLE INFORMATION

Sample Number	VCP401963	VCP221400	VCP199528	VCP159430
Sample Date	21 Apr 2023	06 Sep 2018	24 May 2016	13 Oct 2015
Machine Hours	0	9808	7970	7014
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	SEVERE	NORMAL	NORMAL	NORMAL

MCCLUNG-LOGAN EQUIPMENT CO INC - FREDERICKSBURG
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 US 22405
 Contact: JW MEADOWS
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OIL CONDITION

Visc @ 40°C	cSt	27.0	27.25	28.29	26.94
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CONTAMINATION

Silicon	ppm	4	2	4	2
Sodium	ppm	4	3	3	3
Potassium	ppm	0	3	2	1



WEAR METALS

Iron	ppm	215	11	14	8
Copper	ppm	448	238	249	156
Lead	ppm	11	2	<1	<1
Tin	ppm	25	12	12	6
Aluminum	ppm	23	9	8	4
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	82	104	195	203
Magnesium	ppm	4	2	3	2
Zinc	ppm	21	30	99	55
Phosphorus	ppm	141	189	296	245
Barium	ppm	0	0	0	0
Boron	ppm	44	71	83	70

Diagnosis

We recommend that you drain the fluid from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Moderate concentration of visible metal present. Gear wear is indicated. Clutch wear is indicated. High wear metal levels reflect the reported failure. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: MCCFRE
Unique No: 10442793
Signed: Jonathan Hester
Report Date: 27 Apr 2023

VOLVO **GRAPHS**

