



# CONSTRUCTION EQUIPMENT

## A11512 VOLVO A35D 72130 - TRANSMISSION (AUTO)



**Sample No:** VCP430951  
**Oil Type:** MOBIL AT 102  
**Job No:** A11512



### SAMPLE INFORMATION

Sample Number	<b>VCP430951</b>	VCP408976	VCP372045	VCP334643
Sample Date	<b>21 Nov 2023</b>	27 Jun 2023	10 Jun 2022	27 Sep 2021
Machine Hours	<b>12630</b>	12050	10833	10190
Oil Hours	<b>1000</b>	500	0	500
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**DYER QUARRY**  
P.O. BOX 188, 1275 ROCK HOLLOW ROAD  
BIRDSBORO, PA  
US 19508  
Contact: MATT MCCLELLAND  
matt.mcclelland@dyerquarry.com  
T:  
F: (610)582-2304



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.8</b>	28.0	28.2	28.2
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	2	2
Sodium	ppm	<b>8</b>	7	6	3
Potassium	ppm	<b>1</b>	2	<1	<1

**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.



### WEAR METALS

Iron	ppm	<b>68</b>	63	48	39
Copper	ppm	<b>265</b>	226	152	118
Lead	ppm	<b>28</b>	25	18	11
Tin	ppm	<b>13</b>	11	8	6
Aluminum	ppm	<b>14</b>	14	9	5
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>2</b>	3	4	4
Nickel	ppm	<b>2</b>	2	<1	<1
Titanium	ppm	<b>0</b>	0	<1	<1
Silver	ppm	<b>&lt;1</b>	<1	<1	<1
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>273</b>	275	264	280
Magnesium	ppm	<b>15</b>	13	14	16
Zinc	ppm	<b>99</b>	99	94	99
Phosphorus	ppm	<b>259</b>	253	252	247
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>56</b>	65	77	72

**Depot:** DYEBIR  
**Unique No:** 10765339  
**Signed:** Wes Davis  
**Report Date:** 30 Nov 2023



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## VOLVO GRAPHS

