



# CONSTRUCTION EQUIPMENT

## A11512 VOLVO A35D 72130 - DROP BOX



**Sample No:** VCP430953  
**Oil Type:** MOBIL GO 102  
**Job No:** A11512



### SAMPLE INFORMATION

Sample Number	VCP430953	VCP425972	VCP372053	VCP334647
Sample Date	21 Nov 2023	27 Jun 2023	10 Jun 2022	27 Sep 2021
Machine Hours	12630	12050	10833	10190
Oil Hours	1000	500	0	500
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ATTENTION	ATTENTION	ATTENTION	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	▲ 61.0	▲ 61.7	▲ 61.8	■ 198
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	■ 8	■ 7	■ 3	■ 8
Sodium	ppm	■ 4	■ 3	■ 2	■ 0
Potassium	ppm	■ 1	■ 1	■ 0	■ <1



### WEAR METALS

Iron	ppm	■ 56	■ 57	■ 29	■ 57
Copper	ppm	■ 5	■ 4	■ 1	■ <1
Lead	ppm	■ 5	■ 5	■ 2	■ <1
Tin	ppm	■ <1	■ 0	■ <1	■ 0
Aluminum	ppm	■ <1	■ <1	■ <1	■ <1
Chromium	ppm	■ <1	■ <1	■ <1	■ <1
Molybdenum	ppm	<1	1	■ 1	■ 3
Nickel	ppm	■ 0	■ <1	■ 0	■ <1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	1	■ <1	■ <1
Vanadium	ppm	<1	0	0	0



### ADDITIVES

Calcium	ppm	▲ 40	▲ 45	▲ 66	■ 91
Magnesium	ppm	0	2	■ 0	■ 5
Zinc	ppm	▲ 42	▲ 40	▲ 50	■ 78
Phosphorus	ppm	▲ 1928	▲ 2121	▲ 2015	■ 1324
Barium	ppm	0	0	■ 0	■ 0
Boron	ppm	225	153	■ 278	■ 172

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** DYEBIR  
**Unique No:** 10765304  
**Signed:** Don Baldrige  
**Report Date:** 03 Dec 2023



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## GRAPHS

