



# CONSTRUCTION EQUIPMENT

## A11512 VOLVO A35D 72130 - BOGIE/CENTER AXLE



**Sample No:** VCP430955  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** A11512



### SAMPLE INFORMATION

Sample Number	<b>VCP430955</b>	VCP425732	VCP372060	VCP334657
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>259</b>	260	281	222
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	7	4	2
Sodium	ppm	<b>4</b>	3	3	0
Potassium	ppm	<b>1</b>	1	0	<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 oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>87</b>	93	79	77
Copper	ppm	<b>10</b>	8	5	2
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	<1	<1	0
Aluminum	ppm	<b>&lt;1</b>	1	<1	0
Chromium	ppm	<b>&lt;1</b>	1	<1	<1
Molybdenum	ppm	<b>4</b>	4	4	2
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>&lt;1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>1</b>	2	<1	1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>170</b>	186	166	84
Magnesium	ppm	<b>6</b>	8	6	4
Zinc	ppm	<b>96</b>	100	97	40
Phosphorus	ppm	<b>944</b>	997	926	1407
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>144</b>	176	173	212

**Depot:** DYEBIR  
**Unique No:** 10765303  
**Signed:** Wes Davis  
**Report Date:** 30 Nov 2023



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## GRAPHS

