



# CONSTRUCTION EQUIPMENT

## A10573 VOLVO A35D 72130 - FRONT AXLE



**Sample No:** VCP408928  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** A10573



### SAMPLE INFORMATION

Sample Number	<b>VCP408928</b>	VCP372059	VCP337111	VCP314076
Sample Date	<b>27 Jun 2023</b>	10 Jun 2022	27 Sep 2021	05 May 2021
Machine Hours	<b>12050</b>	10833	10190	9575
Oil Hours	<b>500</b>	0	500	2000
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
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>257</b>	256	225	259
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### CONTAMINATION

Silicon	ppm	<b>7</b>	6	3	4
Sodium	ppm	<b>4</b>	3	0	4
Potassium	ppm	<b>1</b>	0	<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 oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>109</b>	92	42	92
Copper	ppm	<b>10</b>	10	5	3
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>&lt;1</b>	<1	<1	<1
Aluminum	ppm	<b>1</b>	<1	0	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>4</b>	5	2	4
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>&lt;1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	<1	5	<1
Manganese	ppm	<b>2</b>	1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>199</b>	201	144	166
Magnesium	ppm	<b>9</b>	7	7	9
Zinc	ppm	<b>109</b>	114	74	85
Phosphorus	ppm	<b>1000</b>	926	1303	971
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>184</b>	174	196	172

**Depot:** DYEBIR  
**Unique No:** 10548307  
**Signed:** Wes Davis  
**Report Date:** 10 Jul 2023



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## GRAPHS

