



# CONSTRUCTION EQUIPMENT

## A10574 VOLVO A30D 74083 - BOGIE/CENTER AXLE



**Sample No:** VCP427161  
**Oil Type:** MOBIL MOBILUBE HD 80W90  
**Job No:** A10574



### SAMPLE INFORMATION

Sample Number	<b>VCP427161</b>	VCP377095	VCP294658	VCP254482
Sample Date	<b>27 Jun 2023</b>	06 May 2022	10 May 2021	07 May 2020
Machine Hours	<b>13545</b>	12906	12290	11780
Oil Hours	<b>500</b>	0	2000	1000
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	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>213</b>	213	300	300
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### CONTAMINATION

Silicon	ppm	<b>10</b>	8	<b>53</b>	5
Sodium	ppm	<b>&lt;1</b>	0	5	2
Potassium	ppm	<b>1</b>	1	5	2

**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. Confirm oil type. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>67</b>	57	164	81
Copper	ppm	<b>11</b>	7	<1	6
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	<1	<1	0
Aluminum	ppm	<b>3</b>	2	<b>16</b>	1
Chromium	ppm	<b>&lt;1</b>	<1	5	<1
Molybdenum	ppm	<b>&lt;1</b>	1	<1	2
Nickel	ppm	<b>&lt;1</b>	0	<1	<1
Titanium	ppm	<b>&lt;1</b>	<1	1	<1
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	4	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>27</b>	28	7	58
Magnesium	ppm	<b>8</b>	6	4	12
Zinc	ppm	<b>12</b>	12	3	40
Phosphorus	ppm	<b>976</b>	1050	302	852
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>211</b>	215	10	149

**Depot:** DYEBIR  
**Unique No:** 10548317  
**Signed:** Don Baldrige  
**Report Date:** 10 Jul 2023



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## VOLVO GRAPHS

