



# CONSTRUCTION EQUIPMENT

## 12585 VOLVO A30D 12129 - DROP BOX



**Sample No:** VCP452778  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 12585



### SAMPLE INFORMATION

Sample Number	<b>VCP452778</b>	VCP434152	VCP385187	VCP334666
Sample Date	<b>02 May 2024</b>	26 Oct 2023	25 Oct 2022	11 Dec 2021
Machine Hours	<b>11840</b>	11535	11022	10476
Oil Hours	<b>0</b>	500	0	2000
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	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	<b>126</b>	126	60.7	295
-------------	-----	------------	-----	------	-----



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>6</b>	3	5	12
Sodium	ppm	<b>1</b>	1	1	2
Potassium	ppm	<b>&lt;1</b>	0	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>29</b>	16	17	37
Copper	ppm	<b>&lt;1</b>	0	<1	<1
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	<1	1
Aluminum	ppm	<b>4</b>	<1	4	5
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>&lt;1</b>	0	1	10
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	0	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>21</b>	17	38	173
Magnesium	ppm	<b>3</b>	2	5	36
Zinc	ppm	<b>21</b>	21	23	124
Phosphorus	ppm	<b>2405</b>	2153	2211	895
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>318</b>	256	280	159

**Depot:** DYEBIR  
**Unique No:** 11030526  
**Signed:** Wes Davis  
**Report Date:** 15 May 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

