



# CONSTRUCTION EQUIPMENT

## 703547 VOLVO A30 753369 - DIESEL ENGINE



**Sample No:** VCP449605  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 703547



### SAMPLE INFORMATION

Sample Number	<b>VCP449605</b>	VCP453950	VCP437662	VCP432912
Sample Date	<b>30 Apr 2024</b>	12 Mar 2024	04 Jan 2024	23 Oct 2023
Machine Hours	<b>2297</b>	1941	1486	1052
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ATTENTION

**BLUE GOOSE GROWERS**  
 16059 W ORANGE AVE  
 FT PIERCE, FL  
 US 34945  
 Contact: SERVICE MANAGER

### OIL CONDITION

Visc @ 100°C	cSt	<b>12.6</b>	12.5	12.6	12.4
Base Number (BN)	mg KOH/g	<b>9.9</b>	9.4	9.7	9.4
Oxidation (PA)	%	<b>78</b>	68	78	76

T: (772)461-3020  
 F:

### 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	NEG
Soot %	%	<b>0.2</b>	0.2	0.2	0.3
Nitration (PA)	%	<b>52</b>	58	55	62
Sulfation (PA)	%	<b>60</b>	55	60	60
Glycol	%	<b>NEG</b>	NEG	NEG	NEG
Fuel	%	<b>&lt;1.0</b>	<1.0	<1.0	<1.0
Silicon	ppm	<b>3</b>	4	5	6
Sodium	ppm	<b>3</b>	<1	0	2
Potassium	ppm	<b>0</b>	1	1	2

### WEAR METALS

Iron	ppm	<b>5</b>	6	8	12
Copper	ppm	<b>&lt;1</b>	2	2	4
Lead	ppm	<b>0</b>	<1	<1	0
Tin	ppm	<b>2</b>	<1	1	<1
Aluminum	ppm	<b>1</b>	2	2	2
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>39</b>	50	43	47
Nickel	ppm	<b>2</b>	<1	1	<1
Titanium	ppm	<b>&lt;1</b>	<1	<1	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	1	<1
Vanadium	ppm	<b>&lt;1</b>	<1	0	<1

### ADDITIVES

Calcium	ppm	<b>1657</b>	1301	1632	1451
Magnesium	ppm	<b>490</b>	731	517	630
Zinc	ppm	<b>1062</b>	1167	1111	1153
Phosphorus	ppm	<b>933</b>	1001	818	974
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>39</b>	15	44	19

**Depot:** BLUFOR  
**Unique No:** 11008793  
**Signed:** Wes Davis  
**Report Date:** 04 May 2024



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## VOLVO GRAPHS

