

# CONSTRUCTION EQUIPMENT SWA143338 VOLVO L110H 632075 - DIESEL ENGINE



Sample No: VCP370092

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

**Job No:** SWA143338

VOLVO	MEADMATION			
SAMPLE II	NFORMATION			 
Sample Number		VCP370092	VCP377888	 
Sample Date		06 Jan 2023	23 Jun 2022	 
Machine Hours		2988	1626	 
Oil Hours		0	0	 
Oil Changed		Changed	Changed	 
Sample Status		NORMAL	NORMAL	 
OIL CONDI	TION			
_		·		
Visc @ 100°C	cSt	<b>13.9</b>	<b>13.2</b>	 
Base Number (BN)		<b>■7.4</b>	5.4	 
Oxidation (PA)	%	91	73	 
VOLVO				
CONTAMIN	NATION			
Soot %	%	<b>1.2</b>	0.7	
Nitration (PA)	%	93	88	 
, ,	%	69	66	 
Sulfation (PA)	%		NEG	
Glycol		NEG <1.0		 
Fuel	%		<1.0	 
Silicon	ppm	<b>■7</b>	8	 
Sodium	ppm	3	2	 
Potassium	ppm	<b>0</b>	0	 
VOLVO				
WEAR ME	TALS			
Iron	ppm	<b>43</b>	<b>3</b> 7	 
Copper	ppm	■7	<b>1</b> 6	 
Lead	ppm	<b>3</b>	<b>1</b> 5	 
Tin	ppm	<b>4</b>	3	 
Aluminum	ppm	<b>■12</b>	<b>1</b> 9	 
Chromium	ppm	<b>3</b>	2	 
Molybdenum	ppm	<b>43</b>	<b>88</b>	 
Nickel	ppm	<b>□</b> <1	1	 
Titanium	ppm	<1	<1	 
Silver	ppm	<b></b>	1	 
Manganese	ppm	<b>1</b> <1	<b>1</b> <1	 
Vanadium	ppm	0	0	 
- Tanadani	PPIII	· ·	Ü	
VOLVO				 
ADDITIVE:	7			
Calcium	ppm	■1980	<b>2185</b>	 
Magnesium	ppm	■368	86	 
7:		=1260	<b>—</b> 1201	

**1201** 

941

**1** 



#### **ALTA EQUIPMENT**

5985 COURT STREET ROAD SYRACUSE, NY US 13206 Contact: JIM STRIGLE JIM.STRIGLE@ALTG.COM T: (315)437-2611 F: (315)434-9471

### 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.

Depot:VOLVO0142Unique No:10286407Signed:Sean FeltonReport Date:13 Jan 2023

ppm

ppm

ppm

ppm

**1269** 

**977** 

**0** 

**34** 

Zinc

Barium

Boron

Phosphorus



## **CONSTRUCTION EQUIPMENT**





