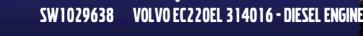


# **CONSTRUCTION EQUIPMENT**





Oil Type: **DIESEL ENGINE OIL SAE 15W40** 

Job No: SW1029638

VOLVO				
SAMPLE II	NFORMATION			
Sample Number		VCP440154	 	
Sample Date		05 Feb 2024	 	
Machine Hours		3247	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	<b>17.6</b>	 	
Base Number (BN)		7.6	 	
Oxidation (PA)	%	141	 	
Oxidation (PA)	70	141	 	
VOLVO				
CONTAMII	NATION			
Water	%	NEG	 	
Soot %	%	■ 0.8	 	
Nitration (PA)	%	153	 	
Sulfation (PA)	%	93	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>17</b>	 	
Sodium	ppm	<b>6</b>	 	
Potassium	ppm	<b>1</b>	 	
VOLVO				
<b>WEAR ME</b>	TALS			
Iron	ppm	■80	 	
Copper	ppm	■8	 	
Lead	ppm	<b>10</b>	 	
Tin	ppm	■3	 	
Aluminum	ppm	<b>11</b>	 	
Chromium	ppm	<b>4</b>	 	
Molybdenum	ppm	<b>44</b>	 	
Nickel	ppm	<b>■</b> <1	 	
Titanium	ppm	■0	 	
Silver	ppm	■0	 	
Manganese	ppm	<b>2</b>	 	
Vanadium	ppm	0	 	
VOLVO				
<b>ADDITIVE</b>	<u>S</u>			
Calcium	ppm	■1817	 	
Magnesium	ppm	<b>1094</b>	 	
Zinc	ppm	■1508	 	
- I	L. Leann			



### ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH SALT LAKE CITY, UT US 84119 Contact: TJ LARK tlark@arnoldmachinery.com T: (801)972-4000 F: (801)975-9434

### Diagnosis

Oil and filter change at the time of sampling has been noted. 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 oil viscosity is higher than normal. The BN result indicates that there is suitable alkalinity remaining in the oil.

Depot: VOLVO8770 **Unique No:** 10873233 Signed: Don Baldridge Report Date: 13 Feb 2024

ppm

ppm

ppm

Phosphorus

Barium

Boron

**1268** 

**0** 

**24** 



## **CONSTRUCTION EQUIPMENT**





