



# CONSTRUCTION EQUIPMENT

## X59425 BOLLINGER VOLVO EC360BLC 80343 - DIESEL ENGINE



**Sample No:** VCP438243  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** X59425 BOLLINGER



### SAMPLE INFORMATION

Sample Number	<b>VCP438243</b>	VC044806	VCP259448	---
Sample Date	<b>08 Apr 2024</b>	31 Aug 2007	09 Apr 2007	---
Machine Hours	<b>5349</b>	2350	1437	---
Oil Hours	<b>2</b>	0	0	---
Oil Changed	<b>Changed</b>	N/A	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	---

**SCOTT EQUIPMENT COMPANY LLC - Saint Rose**  
 PO BOX 997  
 SAINT ROSE, LA  
 US 70087  
 Contact: DANA FOSHEE  
 dfoshee@scottcompanies.com  
 T: (504)461-0961  
 F: (504)461-0970



### OIL CONDITION

Visc @ 100°C	cSt	<b>14.0</b>	14.32	12.1	---
Base Number (BN)	mg KOH/g	<b>8.8</b>	---	---	---
Oxidation (PA)	%	<b>59</b>	51	59	---



### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Soot %	%	<b>0</b>	0.9	0.6	---
Nitration (PA)	%	<b>39</b>	73	73	---
Sulfation (PA)	%	<b>54</b>	59	71	---
Glycol	%	<b>NEG</b>	NEG	NEG	---
Fuel	%	<b>&lt;1.0</b>	<1.0	<1.0	---
Silicon	ppm	<b>4</b>	4	10	---
Sodium	ppm	<b>&lt;1</b>	2	4	---
Potassium	ppm	<b>5</b>	0	10	---



### WEAR METALS

Iron	ppm	<b>15</b>	20	34	---
Copper	ppm	<b>&lt;1</b>	8	224	---
Lead	ppm	<b>&lt;1</b>	2	5	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>1</b>	1	3	---
Chromium	ppm	<b>0</b>	<1	<1	---
Molybdenum	ppm	<b>22</b>	<1	1	---
Nickel	ppm	<b>&lt;1</b>	1	5	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>&lt;1</b>	<1	1	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>2514</b>	2065	2363	---
Magnesium	ppm	<b>83</b>	190	34	---
Zinc	ppm	<b>1304</b>	1059	1067	---
Phosphorus	ppm	<b>1055</b>	932	953	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>236</b>	1	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. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

**Depot:** SCOSAI  
**Unique No:** 10970507  
**Signed:** Wes Davis  
**Report Date:** 12 Apr 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

