



# CONSTRUCTION EQUIPMENT

## VOLVO G740B X036675X - DIESEL ENGINE



**Sample No:** VCP274288  
**Oil Type:** SHELL ROTELLA T 15W40  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP274288</b>	VCP274287	---	---
Sample Date	<b>04 Jun 2021</b>	04 Jun 2021	---	---
Machine Hours	<b>14904</b>	14904	---	---
Oil Hours	<b>76</b>	76	---	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

**Strongco Equipment**  
 5179 Fountain St N.  
 Breslau, ON  
 CA N0B 1M0  
 Contact: Matt Crisci  
 mcrisci@strongco.com  
 T: (519)744-3518  
 F: (519)744-3284



### OIL CONDITION

Visc @ 100°C	cSt	<b>12.9</b>	12.9	---	---
Oxidation (PA)	%	<b>65</b>	64	---	---



### CONTAMINATION

Soot %	%	<b>0</b>	0	---	---
Nitration (PA)	%	<b>49</b>	48	---	---
Sulfation (PA)	%	<b>55</b>	55	---	---
Glycol	%	<b>0.0</b>	0.0	---	---
Fuel	%	<b>&lt;1.0</b>	<1.0	---	---
Silicon	ppm	<b>2</b>	2	---	---
Sodium	ppm	<b>4</b>	4	---	---
Potassium	ppm	<b>6</b>	6	---	---

### 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>4</b>	4	---	---
Copper	ppm	<b>1</b>	1	---	---
Lead	ppm	<b>2</b>	2	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>&lt;1</b>	<1	---	---
Chromium	ppm	<b>0</b>	0	---	---
Molybdenum	ppm	<b>16</b>	15	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>&lt;1</b>	<1	---	---
Manganese	ppm	<b>&lt;1</b>	0	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>1964</b>	1942	---	---
Magnesium	ppm	<b>58</b>	57	---	---
Zinc	ppm	<b>1065</b>	1058	---	---
Phosphorus	ppm	<b>945</b>	926	---	---
Barium	ppm	<b>&lt;1</b>	<1	---	---
Boron	ppm	<b>151</b>	149	---	---

**Depot:** CASKIT  
**Unique No:** 5250982  
**Signed:** Kevin Marson  
**Report Date:** 09 Jul 2021

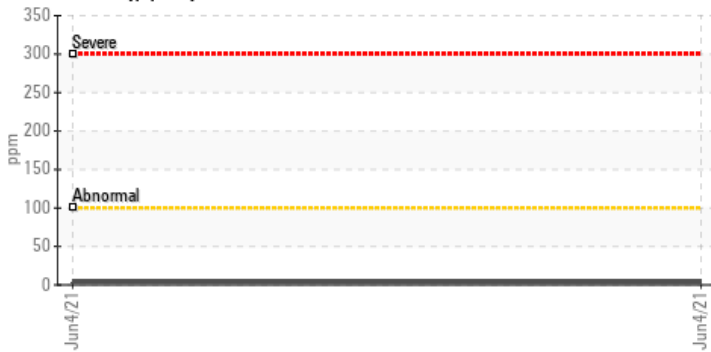


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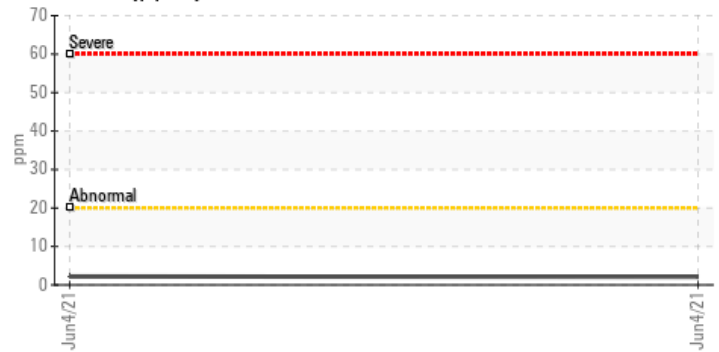


## GRAPHS

### Iron (ppm)



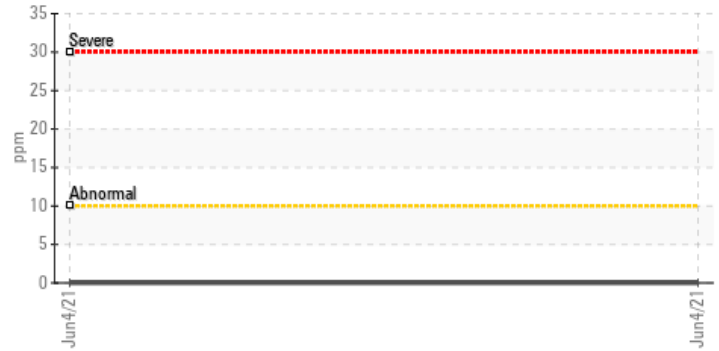
### Lead (ppm)



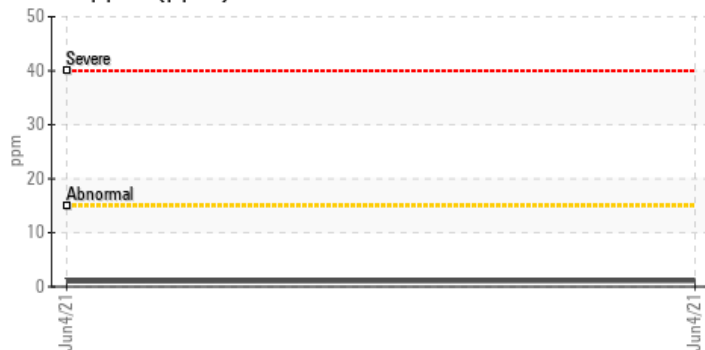
### Aluminum (ppm)



### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 100°C



### Soot %

