



# CONSTRUCTION EQUIPMENT

## 11720 VOLVO EC290 11337 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP439457  
**Oil Type:** MOBIL MOBILUBE HD PLUS 85W140  
**Job No:** 11720



### SAMPLE INFORMATION

Sample Number	<b>VCP439457</b>	VCP123867	---	---
Sample Date	<b>18 Dec 2023</b>	13 Jun 2013	---	---
Machine Hours	<b>1280</b>	5690	---	---
Oil Hours	<b>0</b>	1000	---	---
Oil Changed	<b>N/A</b>	Not Changd	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

### DYER QUARRY

P.O. BOX 188, 1275 ROCK HOLLOW ROAD  
 BIRDSBORO, PA  
 US 19508  
 Contact: MATT MCCLELLAND  
 matt.mcclelland@dyerquarry.com  
 T:  
 F: (610)582-2304



### OIL CONDITION

Visc @ 40°C	cSt	<b>307</b>	300.0	---	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>52</b>	52	---	---
Sodium	ppm	<b>5</b>	4	---	---
Potassium	ppm	<b>&lt;1</b>	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 component. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>258</b>	194	---	---
Copper	ppm	<b>0</b>	<1	---	---
Lead	ppm	<b>0</b>	<1	---	---
Tin	ppm	<b>0</b>	<1	---	---
Aluminum	ppm	<b>14</b>	14	---	---
Chromium	ppm	<b>5</b>	8	---	---
Molybdenum	ppm	<b>0</b>	<1	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>2</b>	2	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>2</b>	2	---	---
Vanadium	ppm	<b>&lt;1</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>67</b>	44	---	---
Magnesium	ppm	<b>14</b>	10	---	---
Zinc	ppm	<b>43</b>	39	---	---
Phosphorus	ppm	<b>1062</b>	851	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>139</b>	40	---	---

**Depot:** DYEBIR  
**Unique No:** 10803056  
**Signed:** Don Baldrige  
**Report Date:** 24 Dec 2023



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## GRAPHS

