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

VOLVO

Sample Number	-	VCP439457	VCP123867	 
Sample Date		18 Dec 2023	13 Jun 2013	 
Machine Hours		1280	5690	 
Oil Hours		0	1000	 
Oil Changed		N/A	Not Changd	 
Sample Status		NORMAL	NORMAL	 
OIL CON	DITION			
Visc @ 40°C	cSt	307	300.0	 
CONTAN	MINATION			
Water	%	NEG	NEG	 
Silicon	ppm	52	52	 
SIICOII	ppm			
	ppm	5	4	 
Sodium Potassium		5 <1	<b>□</b> 4	 
Sodium Potassium	ppm			
Sodium	ppm ppm			
Sodium Potassium WEAR M	ppm ppm			
Sodium Potassium WEAR N Iron	ppm ppm	□<1	2	 
Sodium Potassium WEAR N Iron Copper	ppm ppm METALS ppm	□ <1 □ 258	□2 □194	 
Sodium Potassium WEAR N Iron Copper Lead	ppm ppm METALS ppm ppm	□ <1 □ 258 □ 0	□ 2 □ 194 □ <1	  
Sodium Potassium WEAR N Iron Copper Lead Tin	ppm ppm METALS ppm ppm ppm	□ <1 □ 258 □ 0 □ 0	□ 2 □ 194 □ <1 □ <1	  
Sodium Potassium WEAR N Iron Copper Lead Tin Aluminum	ppm ppm METALS ppm ppm ppm ppm	<pre>&gt;&lt;1</pre> <pre>258</pre> 0 0 0 0	2 194 <1 <1 <1 <1	
Sodium Potassium WEAR N Iron Copper Lead Tin Aluminum	ppm ppm METALS ppm ppm ppm ppm ppm	<pre>&gt; &lt;1 &gt; 258 0 0 0 0 14</pre>	2 194 <1 <1 <1 <1 <1 14	
Sodium Potassium WEAR N Iron Copper Lead Tin Aluminum Chromium	ppm ppm METALS ppm ppm ppm ppm ppm ppm	<pre>     &lt;1     258     0     0     0     14     5 </pre>	2 194 <1 <1 <1 <1 <1 14 8	
Sodium Potassium WEAR N Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel	ppm ppm METALS ppm ppm ppm ppm ppm ppm ppm	<pre>     &lt;1     </pre> <pre>         258         0         0         0</pre>	2 194 <1 <1 <1 <1 14 8 (1	
Sodium Potassium WEARN Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium	ppm ppm METALS ppm ppm ppm ppm ppm ppm ppm ppm	<pre>     &lt;1     </pre> <pre>         258         0         0         0</pre>	2 194 <1 <1 <1 <1 14 8 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	
Sodium Potassium WEAR N Iron Copper Lead Tin Aluminum Chromium Molybdenum	ppm ppm METALS ppm ppm ppm ppm ppm ppm ppm ppm ppm pp	<pre>     &lt;1     258     0     0     0     0     14     5     0     &lt;1     2 </pre>	2 194 <1 <1 <1 <1 14 8 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	

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



## 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

## 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.

 Depot:
 DYEBIR

 Unique No:
 10803056

 Signed:
 Don Baldridge

 Report Date:
 24 Dec 2023

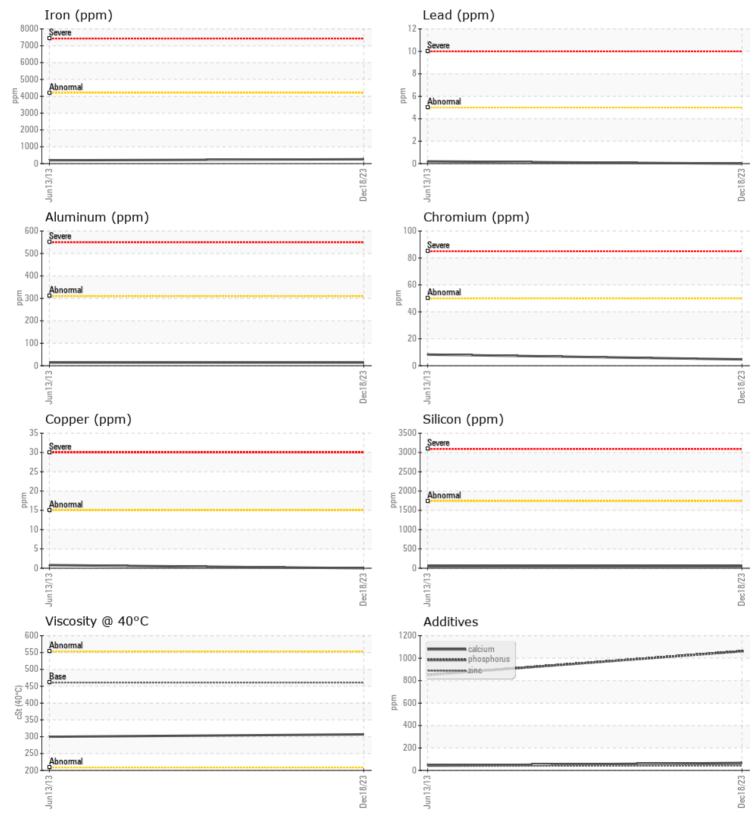
Contact/Location: MATT MCCLELLAND - DYEBIR

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: DYEBIR [WUSCAR] 06042448 (Generated: 12/24/2023 11:33:29) Rev: 1

Contact/Location: MATT MCCLELLAND - DYEBIR