

## CONSTRUCTION EQUIPMENT 527926-20 VOLVO L90H 627131 - REAR AXLE



Sample No: VCP446079
Oil Type: VOLVO
Job No: 527926-20

SAMPLE INFORMATION   Sample Number   VCP446079       Sample Date   04 Apr 2024					
Sample Date   O4 Apr 2024	SAMPLE	E INFORMATION			
Machine Hours 755	Sample Number	-	VCP446079	 	
Dil Hours	Sample Date		04 Apr 2024	 	
Not Changed   Not Changed   Normal   Normal	Machine Hours		755	 	
NORMAL	Oil Hours		755	 	
OIL CONDITION  Visc @ 40°C	Oil Changed		Not Changd	 	
OIL CONDITION           CONTAMINATION           Water         %         NEG  <	Sample Status		NORMAL	 	
OIL CONDITION           CONTAMINATION           Water         %         NEG  <					
CONTAMINATION  Water	OIL CON	IDITION			
CONTAMINATION	Visc @ 40°C	cSt	<b>43.5</b>	 	
CONTAMINATION  Water % NEG Silicon ppm					
Water         %         NEG <td>COLVO</td> <td>MINATION</td> <td></td> <td></td> <td></td>	COLVO	MINATION			
Solicon	_				
Sodium   ppm   4				 	
WEAR METALS				 	
WEAR METALS           ron         ppm         38					
WEAR METALS           ron         ppm         38	Potassium	ppm	■4	 	
WEAR METALS	VOLVO				
Copper	WEAR N	METALS			
Lead	Iron	ppm	■38	 	
Tin ppm 14	Copper	ppm	<b>128</b>	 	
Aluminum ppm 2	Lead	ppm	<b>■&lt;1</b>	 	
Chromium         ppm         3   <		ppm	<b>14</b>	 	
Molybdenum         ppm         3              Nickel         ppm         <1	Aluminum	ppm	■2	 	
Nickel         ppm         <1 </td <td></td> <td>ppm</td> <td>_</td> <td> </td> <td></td>		ppm	_	 	
Titanium ppm <1 Silver ppm 0		ppm	3	 	
Silver	Nickel	ppm	<b>■&lt;1</b>	 	
Manganese         ppm         7              Vanadium         ppm         <1              ADDITIVES           Calcium         ppm         4127              Magnesium         ppm         12			· ·	 	
Vanadium         ppm         <1              ADDITIVES         Calcium         ppm         4127               Magnesium         ppm         12		ppm		 	
ADDITIVES  Calcium ppm 4127  Magnesium ppm 12			-	 	
ADDITIVES           Calcium         ppm         4127              Magnesium         ppm         12	Vanadium	ppm	<1	 	
ADDITIVES           Calcium         ppm         4127              Magnesium         ppm         12					
Magnesium ppm 12	ADDITIV	VES			
Magnesium ppm 12	Calcium	ppm	4127	 	
	Magnesium		12	 	
	-		1646	 	



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## 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.

Depot:VOLVO0096Unique No:10966563Signed:Don BaldridgeReport Date:10 Apr 2024

1387

139

0

Phosphorus

Barium

Boron

ppm

ppm

ppm



## **CONSTRUCTION EQUIPMENT**





