

## CONSTRUCTION EQUIPMENT VOLVO L 180G 19944 - REAR AXLE



 Sample No:
 VCP382318

 Oil Type:
 VOLVO WB 101

#### Job No:

SAMPLE INFORMATION           Sample Number         VCP382318              Sample Date         26 Apr 2023              Machine Hours         12420              Oil Hours         0              Oil Changed         Not Changd              Sample Status         NORMAL              Vice @ 40°C         CSt         40.8              Solium         ppm         14              Vice @ 40°C         CSt         40.8              Solium         ppm         14              Solium         ppm         10              Vice @ 40°C         CSt         40.8              Solium         ppm         12              Vice @ 40°C         CSt         40.8 </th <th></th> <th></th> <th></th> <th></th> <th></th>					
Sample Number         VCP382318              Sample Date         26 Apr 2023              Machine Hours         12420              Oil Hours         0              Oil Changed         Not Changd              Sample Status         NORMAL              OIL CONDITION               Visc @ 40°C         CSt         40.8              Sodium         ppm         14              Sodium         ppm         122              Potassium         ppm         132              VEAR METALS                Tin         ppm         132              Auminum         ppm         1              Nolybdenum		INFORMATION		 	
Sample Date       26 Apr 2023            Machine Hours       12420            Oil Hours       0            Sample Status       Not Changd            Sample Status       NoRMAL            OIL CONDITION             Vis @ 40°C       cSt       40.8            Silicon       ppm       14             Sodium       ppm       12             Potassium       ppm       13             Aluminum       ppm       1			<u>.</u>	 	
Machine Hours       12420             Oil Hours       0             Oil Changed       Not Changd             Sample Status       Nort MAL             Visc @ 40°C       CSt       40.8            Solicum       ppm       114             Solicum       ppm       12             Verse METALS               Iron       ppm       132             Iron       ppm       0				 	
Oil Changed       Not Changed            Sample Status       Image NorkMAL            Visc @ 40°C       CSt       @ 40.8            Solium       ppm       @ 14            Solium       ppm       @ 10            Potassium       ppm       @ 12            Copper       ppm       @ 13            Italia             Aluminum       ppm       @ 1            Nickel       ppm       @ 1 </td <td></td> <td></td> <td></td> <td> </td> <td></td>				 	
Sample Status         NORMAL              Visc @ 40°C         CSt         40.8              Sodium         ppm         114               Sodium         ppm         12               Visc METALS                 Iron         ppm         C1               Lead         ppm         0               Aluminum         ppm         1	Oil Hours		0	 	
Sample Status         NORMAL              Visc @ 40°C         CSt         40.8              Sodium         ppm         114               Sodium         ppm         12               Visc METALS                 Iron         ppm         C1               Lead         ppm         0               Aluminum         ppm         1	Oil Changed		Not Changd	 	
Visc @ 40°C         cSt         40.8              CONTAMINATION               Sodium         ppm         14              Sodium         ppm         10              Potassium         ppm         12              WEAR METALS                Iron         ppm         132               Copper         ppm         132               Lead         ppm         0               Aluminum         ppm         1               Molybdenum         ppm         1               Nickel         ppm         0               Nickel         ppm         0			_	 	
OIL CONDITION           Visc @ 40°C         cSt         40.8              CONTAMINATION               Sodium         ppm         14              Sodium         ppm         10              Sodium         ppm         12              Potassium         ppm         22              WEAR METALS               Iron         ppm         132              Copper         ppm         0              Lead         ppm         3              Aluminum         ppm         1              Molybdenum         ppm         1              Nickel         ppm         2              Nickel         ppm         0          <					
Visc@ 40°C       cSt       40.8            CUNTAMINATION             Sodium       ppm       10            Potassium       ppm       2            WEAR METALS             Iron       ppm       132            Copper       ppm       33            Aluminum       ppm       33            Molydenum       ppm       11            Molydenum       ppm       41            Silver       ppm       11            Molydenum       ppm       41            Silver       ppm       0            Magnese       ppm       0            Silver       ppm       33998		DITION			
CONTAMINATION           Silicon         ppm         14             Sodium         ppm         10             Potassium         ppm         2             WEAR METALS              Iron         ppm         132             Copper         ppm         <1			<b>—</b> 40.8	 <u>.</u>	
CONTAMINATION           Silicon         ppm         14              Sodium         ppm         10              Potassium         ppm         2              Verant Potassium         ppm         112              Lead         ppm         0               Aluminum         ppm         0               Molybdenum         ppm         1               Nickel         ppm         0               Silver         ppm         0	visc @ 40 C	CSL	40.8	 	
Silicon         ppm         14              Sodium         ppm         10              Potassium         ppm         2              Veranterial                Veranterial                Veranterial                Veranterial                Copper         ppm         <1	VOLVO			 	
Sodium         ppm         10              Potassium         ppm         2              VEAR METALS               Iron         ppm         132              Copper         ppm         <1	CONTAM	INATION			
Potassium         ppm         2              WEAR METALS               Iron         ppm         132              Copper         ppm         <1	Silicon	ppm	<b>1</b> 4	 	
WEAR METALS           Iron         ppm         132             Copper         ppm         <1             Lead         ppm         <1              Lead         ppm         <1              Aluminum         ppm         3              Aluminum         ppm         1              Molybdenum         ppm         <1              Nickel         ppm         <1              Nickel         ppm         <1              Nickel         ppm         <1              Maganese         ppm         0              Vanadium         ppm         3998              Calcium         ppm         3998              Magnesium         ppm         133 <td>Sodium</td> <td>ppm</td> <td><b>10</b></td> <td> </td> <td></td>	Sodium	ppm	<b>10</b>	 	
WEAR METALS           Iron         ppm         132             Copper         ppm         <1	Potassium	ppm	2	 	
WEAR METALS           Iron         ppm         132             Copper         ppm         <1					
Copper         ppm         <1              Lead         ppm         <1	WEAR M	ETALS			
Lead       ppm       <1	Iron	ppm	132	 	
Tin       ppm       0           Aluminum       ppm       3           Aluminum       ppm       1           Chromium       ppm       1           Molybdenum       ppm       <1	Copper	ppm	<b></b> <1	 	
Aluminum       ppm       3            Chromium       ppm       1            Molybdenum       ppm       <1	Lead	ppm	<b></b> <1	 	
Chromium         ppm         1              Molybdenum         ppm         <1	Tin	ppm		 	
Molybdenum         ppm         <1             Nickel         ppm         <1	Aluminum	ppm	3	 	
Nickel         ppm         <1              Titanium         ppm         <1		ppm	∎1	 	
Titanium       ppm       <1	-	ppm		 	
Silver         ppm         0             Manganese         ppm         2              Vanadium         ppm         0              ADDITIVES               Calcium         ppm         3998              Magnesium         ppm         13              Zinc         ppm         1553              Phosphorus         ppm         1391              Barium         ppm         0		ppm		 	
Manganese         ppm         2              Vanadium         ppm         0              ADDITIVES               Calcium         ppm         3998              Magnesium         ppm         13              Zinc         ppm         1553              Phosphorus         ppm         1391              Barium         ppm         0			· -	 	
Vanadium         ppm         0              ADDITIVES         Supplementation         Supplementation         Supplementation             Calcium         ppm         3998              Magnesium         ppm         13              Zinc         ppm         1553              Phosphorus         ppm         1391              Barium         ppm         0		ppm		 	
ADDITIVES         Same and the second se				 	
ADDITIVES           Calcium         ppm         3998             Magnesium         ppm         13             Zinc         ppm         1553             Phosphorus         ppm         1391             Barium         ppm         0	Vanadium	ppm	0	 	
ADDITIVES           Calcium         ppm         3998             Magnesium         ppm         13             Zinc         ppm         1553             Phosphorus         ppm         1391             Barium         ppm         0	VOLVO			 	
Magnesium         ppm         13              Zinc         ppm         1553              Phosphorus         ppm         1391              Barium         ppm         0	ADDITIV	ES			
Zinc         ppm         1553              Phosphorus         ppm         1391              Barium         ppm         0	Calcium	ppm	3998	 	
Phosphorus         ppm         1391              Barium         ppm         0	Magnesium	ppm	<b>1</b> 3	 	
Barium ppm <b>0</b>	Zinc	ppm	1553	 	
	Phosphorus	ppm	<b>1391</b>	 	
Boron ppm <b>113</b>	Barium	ppm	0	 	
	Boron	ppm	<b>113</b>	 	



#### STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW Acheson, AB CA T7X 6C2 Contact: Jonathan Morton jmorton@strongco.com T: (780)464-1909 F: (780)464-0434

### 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.

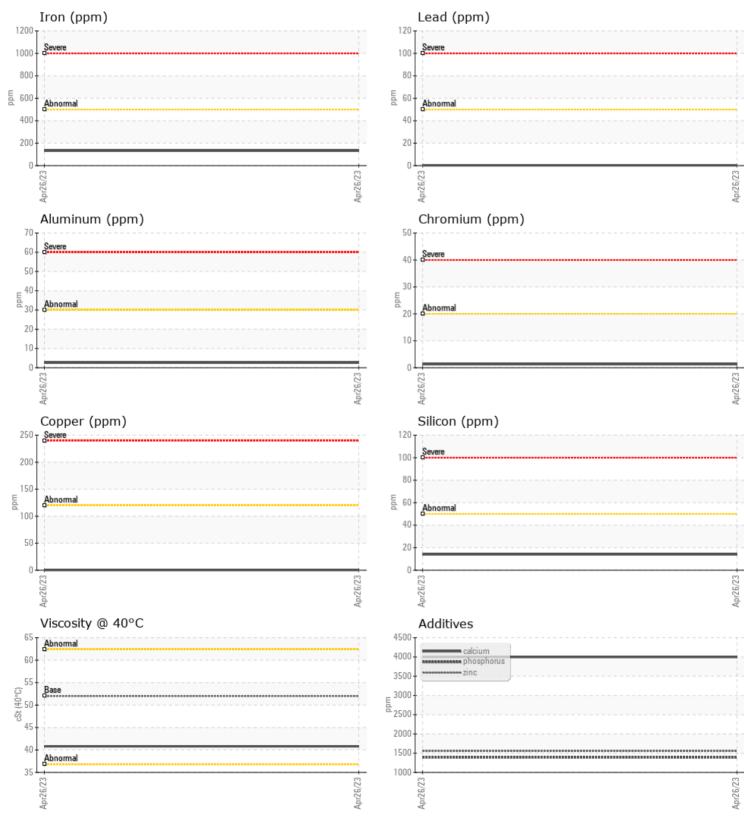
Depot:	VOLVO3908		
Unique No:	5567784		
Signed:	Kevin Marson		
Report Date:	03 May 2023		

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO3908 [WCAMIS] 02554769 (Generated: 09/28/2023 10:10:48) Rev: 1

Contact/Location: Jonathan Morton - VOLVO3908