CONSTRUCTION EQUIPMENT ORIN 378054 VOLVO L70H 623508 - FRONT AXLE



 Sample No:
 VCP394805

 Oil Type:
 GEAR OIL LS 80W90

 Job No:
 378054

VOLVO

Barium

Boron

ppm

ppm

SAMPLE INFORMATION           Sample Number         VCP394805              Sample Date         11 Sep 2023              Machine Hours         2840              Oil Hours         0              Oil Changed         N/A              Sample Status         NORMAL              Vice @ 40°C         CSt         112              Solium         ppm         2              Solium         ppm         2              Vice @ 40°C         CSt         1					
Sample Date         11 Sep 2023              Machine Hours         2840              Oil Hours         0              Oil Changed         N/A              Sample Status         NORMAL              Visc @ 40°C         Cst         112              Visc @ 40°C         Cst         112              Sodium         ppm         12              Sodium         ppm         2              Vortex               Vortex               Sodium         ppm         120              Vortex                Cottassium         ppm         0              Iron         ppm         0		E INFORMATION	l		
Sample Date         11 Sep 2023              Machine Hours         2840              Oil Hours         0              Oil Changed         N/A              Sample Status         NORMAL              Visc @ 40°C         Cst         112              Visc @ 40°C         Cst         112              Sodium         ppm         12              Sodium         ppm         2              Vortex               Vortex               Sodium         ppm         120              Vortex                Cottassium         ppm         0              Iron         ppm         0		-		 	
Machine Hours2840Oil Hours0Oil ChangedNORMALSample StatusNORMALOIL CONDITIONVisc @ 40°CcSt112CONTAMINATIONSodiumppm12Potassiumppm12Visc @ 40°CcSt120Contaminationppm120Visc @ 40°Cppm120Contageppm120Visc @ 40°Cppm120Visc @ 40°Cppm120Contaminumppm0Visc @ 40°Cppm120Visc @ 40°Cppm0Visc @ 40°Cppm120Visc @ 40°Cppm120Visc @ 40°Cppm120Visc @ 40°Cppm120Ironppm120Iso @ 40°C <th< td=""><td></td><td></td><td>11 Sep 2023</td><td> </td><td></td></th<>			11 Sep 2023	 	
Oil Changed         N/A              Sample Status         NORMAL              Visc @ 40°C         cSt         112              Visc @ 40°C         cSt         112              Solium         ppm         122              Sodium         ppm         2              Potassium         ppm         120              Visc @ 40°C         cSt         120              Sodium         ppm         2              Sodium         ppm         2              Visc @ 40°C         ppm         120              Sodium         ppm         120              Copper         ppm         0              Aluminum         ppm         21	Machine Hours			 	
Sample Status         NORMAL              OIL CONDITION               Visc @ 40°C         cSt         112              Solium         ppm         122              Solium         ppm         2              Potassium         ppm         <112	Oil Hours		0	 	
Visc @ 40°C         cSt         112              CONTAMINATION         Image: State of the	Oil Changed		N/A	 	
Visc @ 40°C         cSt         112              CONTAMINATION         Image: Contamination of the conta	Sample Status		NORMAL	 	
OIL CONDITION           Visc @ 40°C         cSt         112              CONTAMINATION               Solicon         ppm         12              Solicon         ppm         2              Solium         ppm         2              Potassium         ppm         2              Visc @ A0°C         visc @ A0°C              Solium         ppm         2              Solium         ppm         <1					
Vis @ 40°C       cSt       112            Silicon       ppm       12            Sodium       ppm       2            Potassium       ppm       2            WEAR METALS             Visco       ppm       0            Copper       ppm       0            Lead       ppm       0            Aluminum       ppm       2            Molybdenum       ppm       0            Nickel       ppm       0            Man	OIL CON	DITION			
CONTAMINATION           Silicon         ppm         12             Sodium         ppm         22              Potassium         ppm         21              Veranticon         prm         21              Veranticon         ppm         21              Veranticon         ppm         21              Veranticon         ppm         21              Veranticon         ppm         21              Copper         ppm         21              Lead         ppm         0               Aluminum         ppm         21               Molybdenum         ppm         21               Nickel         ppm         0			<b>112</b>	 	
CONTAMINATION           Silicon         ppm         12              Sodium         ppm         2              Potassium         ppm         <1		cor			
Silicon       ppm       12           Sodium       ppm       2           Potassium       ppm       <1	VOLVO			 	
Sodium         ppm         2              Potassium         ppm         <1		MINATION			
Potassium         ppm         <1              WEAR METALS               Iron         ppm         120              Copper         ppm         <1              Lead         ppm         0              Tin         ppm         0              Aluminum         ppm         21              Chromium         ppm         0              Molybdenum         ppm         41              Nickel         ppm         0              Nickel         ppm         0              Silver         ppm         0              Manganese         ppm         0              Calcium         ppm         561 <td></td> <td>ppm</td> <td></td> <td> </td> <td></td>		ppm		 	
WEAR METALS              Iron         ppm         120              Copper         ppm         <1	Sodium	ppm	2	 	
WEAR METALS           Iron         ppm         120             Copper         ppm         <1	Potassium	ppm	<b></b> <1	 	
WEAR METALS           Iron         ppm         120             Copper         ppm         <1					
Copper         ppm         <1             Lead         ppm         0              Tin         ppm         0              Aluminum         ppm         <1	WEAR N	METALS			
Copper         ppm         Image: 1         Image: 1 <thimage: 1<="" th=""> <thimage: 1<="" th=""> <thimage< td=""><td>Iron</td><td>ppm</td><td>120</td><td> </td><td></td></thimage<></thimage:></thimage:>	Iron	ppm	120	 	
Lead       ppm       0            Tin       ppm       0            Aluminum       ppm       <10	Copper			 	
Aluminum       ppm       <1				 	
Chromium         ppm         2              Molybdenum         ppm         4              Nickel         ppm         C1              Titanium         ppm         0              Silver         ppm         C1              Manganese         ppm         C1              Vanadium         ppm         O              Calcium         ppm         561              Magnesium         ppm         226	Tin	ppm	0	 	
Molybdenum         ppm         4              Nickel         ppm         <1	Aluminum	ppm	<b></b> <1	 	
Nickel         ppm         Image: spm	Chromium	ppm	2	 	
Titanium       ppm       0           Silver       ppm       <1	Molybdenum	ppm	4	 	
Silver         ppm         <1              Manganese         ppm         7              Vanadium         ppm         0              ADDITIVES               Calcium         ppm         561              Magnesium         ppm         7              Zinc         ppm         226	Nickel	ppm	<b></b> <1	 	
Manganese         ppm         7             Vanadium         ppm         0              ADDITIVES                Calcium         ppm         561              Magnesium         ppm         7              Zinc         ppm         226	Titanium	ppm	0	 	
Vanadium         ppm         0              ADDITIVES         Calcium         ppm         561              Magnesium         ppm         7               Zinc         ppm         226	Silver	ppm	<1	 	
ADDITIVES         S61              Calcium         ppm         561              Magnesium         ppm         7              Zinc         ppm         226	-	ppm		 	
ADDITIVES         Calcium         ppm         561              Magnesium         ppm         7               Zinc         ppm         226	Vanadium	ppm	0	 	
ADDITIVES           Calcium         ppm         561              Magnesium         ppm         7              Zinc         ppm         226				 	
Magnesium         ppm         7              Zinc         ppm         226		VES			
Magnesium         ppm         7              Zinc         ppm         226	Calcium	ppm	561	 	
Zinc ppm <b>226</b>				 	
	Phosphorus	ppm		 	



STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD MISSISSAUGA, ON CA L4W 4L4 Contact: Janice Cripps jcripps@strongco.com T: (905)565-3876 F: (905)670-2338

## Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL LS 80W90. Please confirm. 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:	SHEMIS		
Unique No:	5642939		
Signed:	Wes Davis		
Report Date:	12 Sep 2023		

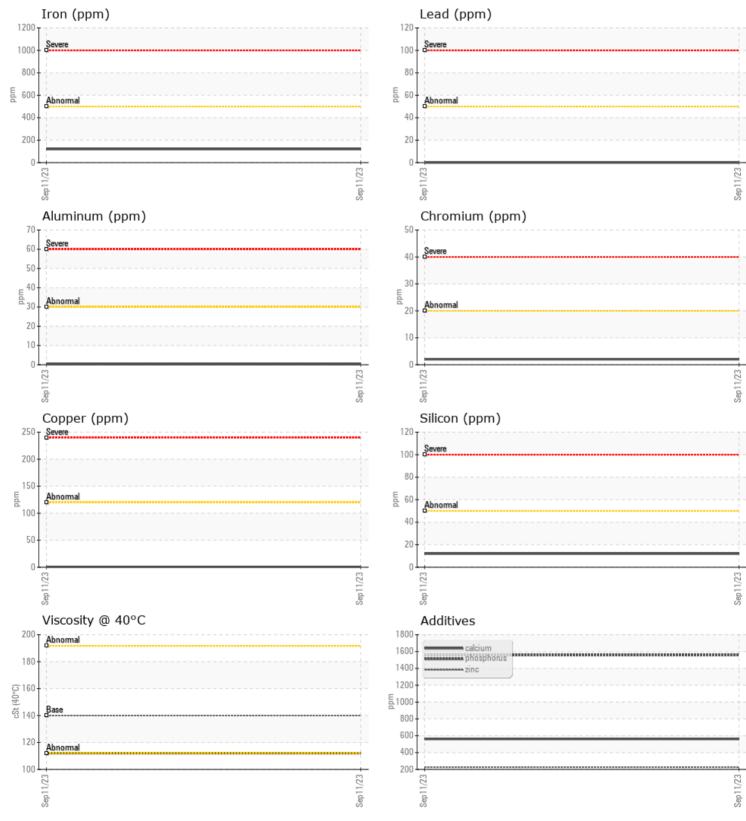
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## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: SHEMIS [WCAMIS] 02581874 (Generated: 09/12/2023 14:36:56) Rev: 1

Contact/Location: Janice Cripps - SHEMIS