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			112	 	
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	 <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	 <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	 <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 226				 	
	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		

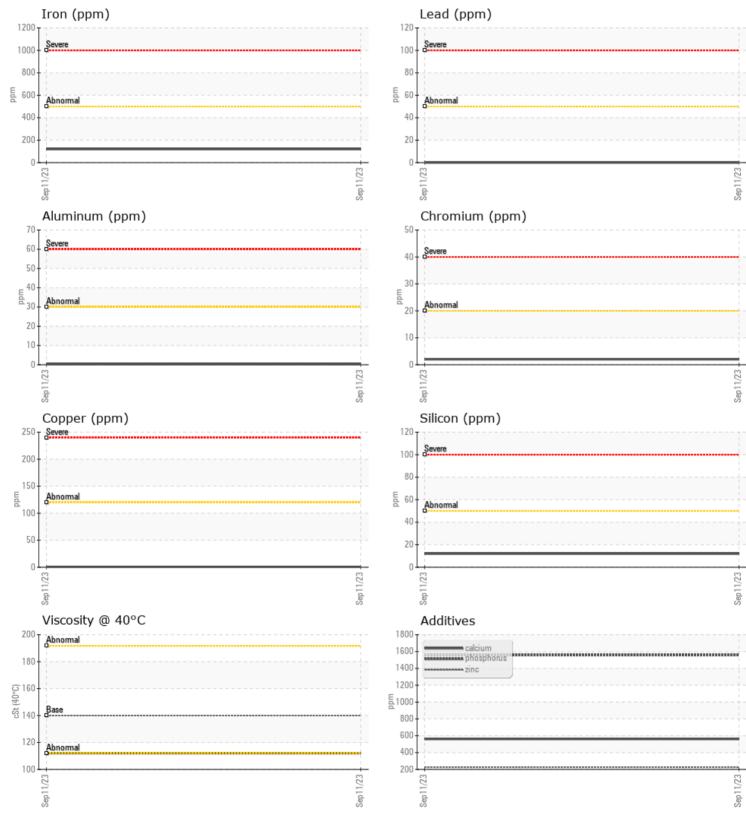
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Janice Cripps - SHEMIS