

## **CONSTRUCTION EQUIPMENT** Volvo L 150H 6989 - FRONT RIGHT FINAL DRIVE



 Sample No:
 VCP407073

 Oil Type:
 VOLVO 80W

#### Job No:

Barium

Boron

SAMPLE INFORMATION           Sample Number         VCP407073              Sample Date         15 Dec 2023              Machine Hours         5961              Oil Hours         0              Oil Changed         Changed              Sample Status         ABNORMAL              Vocco         OL CONDITION              Vocco         CSt         44.9              Vocco         CSt         44.9              Vocco         CSt         44.9              Vocco         CSt         NEG              Sodium         ppm         3              Vocco         VER METALS               Iron         ppm         0 <td< th=""><th></th><th></th><th></th><th></th><th></th></td<>					
Sample Date       15 Dec 2023            Machine Hours       5961            Oil Hours       0            Oil Changed       Changed            Sample Status       ABNORMAL            Visc @ 40°C       cSt       44.9            Visc @ 40°C       cSt       MEG            Solium       ppm       33            Solium       ppm       0		E INFORMATION			
Sample Date       15 Dec 2023            Machine Hours       5961            Oil Hours       0            Oil Changed       Changed            Sample Status       ABNORMAL            Visc @ 40°C       cSt       44.9            Visc @ 40°C       cSt       MEG            Solium       ppm       33            Solium       ppm       0	Sample Number		VCP407073	 	
Machine Hours       5961            Oil Hours       0             Oil Hours       Changed             Oil Changed       ABNORMAL            Sample Status       ABNORMAL            Victor       CSt       44.9            Victor       CSt       44.9            Victor       Silicon       ppm       17            Sodium       ppm       17             Sodium       ppm       16             Verse               Sodium       ppm       0             Verse               Coper       ppm       0             M			15 Dec 2023	 	
Oil Changed       Changed            Sample Status       ABNORMAL            Visc 40°C       CSt       44.9            Visc 1000       ppm       17            Silicon       ppm       33            Potassium       ppm       0            Iron       ppm       16            Lead       ppm       0            Aluminum       ppm       1 <td></td> <td></td> <td></td> <td> </td> <td></td>				 	
Sample Status         ABNORMAL              OIL CONDITION               Visc @ 40°C         CSt         44.9              Water         %         NEG              Silicon         ppm         17              Sodium         ppm         3              Potassium         ppm         16              Visc @ 40°C         ppm         16              Sodium         ppm         0              Sodium         ppm         16              Copper         ppm         0              Lead         ppm         0              Aluminum         ppm         0              Molybenum         ppm         0 </td <td>Oil Hours</td> <td></td> <td>0</td> <td> </td> <td></td>	Oil Hours		0	 	
Visc @ 40°C         cSt         44.9              Visc @ 40°C         cSt         44.9              COTTAMINATION         Visc @ 10°C         NEG              Silicon         ppm         17              Sodium         ppm         33              Potassium         ppm         16              Visco @ 2000         Pittininini         ppm         16              Visco @ 2000         Pittininini         ppm         16              Visco @ 2000         Pittinininini         ppm         0              In         ppm         <11               Aluminum         ppm         <1               Aluminum         ppm         <1               Nickel         ppm         <1	Oil Changed		Changed	 	
Visc @ 40°C         cSt         44.9              Visc @ 40°C         cSt         44.9              COTTAMINATION         Visc @ 10°C         NEG              Silicon         ppm         17              Sodium         ppm         33              Potassium         ppm         16              Visco @ 2000         Pittininini         ppm         16              Visco @ 2000         Pittininini         ppm         16              Visco @ 2000         Pittinininini         ppm         0              In         ppm         <11               Aluminum         ppm         <1               Aluminum         ppm         <1               Nickel         ppm         <1	Sample Status		ABNORMAL	 	
OIL CONDITION           Visc @ 40°C         cSt         #44.9             CONTAMINATION         Visc @ 10°C         NEG             Water         %         NEG              Solicon         ppm         17              Solicon         ppm         17              Solicon         ppm         17              Solium         ppm         3              Potassium         ppm         1              Viccor         ppm         0              Iron         ppm         0              Lead         ppm         0              Aluminum         ppm         1              Kead         ppm         0              Nickel         ppm         0 <td></td> <td></td> <td></td> <td></td> <td></td>					
CONTAMINATION           Water         %         NEG             Silicon         ppm         17              Sodium         ppm         3              Potassium         ppm         <1	OIL CON	DITION			
CONTAMINATION           Water         %         NEG              Silicon         ppm         17              Sodium         ppm         3              Potassium         ppm         <1	Visc @ 40°C	cSt	44.9	 	
CONTAMINATION           Water         %         NEG              Silicon         ppm         17              Sodium         ppm         3              Potassium         ppm         <1					
Water         %         NEG              Silicon         ppm         17              Sodium         ppm         3              Potassium         ppm         <1	CONTAN			 	
Silicon       ppm       17            Sodium       ppm       3            Potassium       ppm       <1			NEC		
Sodium         ppm         3              Potassium         ppm         <1					
Potassium         ppm         < 1             WEAR METALS               Copper         ppm         0              Lead         ppm         0              Aluminum         ppm         <1              Aluminum         ppm         <1              Aluminum         ppm         <1              Kickel         ppm         <1              Nickel         ppm         <1              Nickel         ppm         <1              Silver         ppm         0              Manganese         ppm         1              Calcium         ppm         3987              Magnesium         ppm         1632 <td></td> <td></td> <td></td> <td></td> <td></td>					
WEAR METALS           Iron         ppm         16              Copper         ppm         0              Lead         ppm         0              Tin         ppm         1              Aluminum         ppm         1              Chromium         ppm         1              Molybdenum         ppm         0              Nickel         ppm         <1					
WEAR METALS           Iron         ppm         16              Copper         ppm         0              Lead         ppm         0              Tin         ppm         <1	Potassium	ppm	_<1	 	
WEAR METALS           Iron         ppm         16              Copper         ppm         0              Lead         ppm         0              Tin         ppm         <1	VOLVO				
Copper         ppm         0             Lead         ppm         0              Tin         ppm         <1	WEAR N	METALS			
Lead         ppm         0              Tin         ppm         <1	Iron	ppm	<b>16</b>	 	
Tin         ppm         <1              Aluminum         ppm         1              Chromium         ppm         <1	Copper	ppm	0	 	
Aluminum       ppm       1            Chromium       ppm       <1	Lead	ppm	0	 	
Chromium         ppm         <1              Molybdenum         ppm         0              Nickel         ppm         <1              Titanium         ppm         <1	Tin	ppm		 	
Molybdenum         ppm         0             Nickel         ppm         <1	Aluminum	ppm	<b>1</b>	 	
Nickel         ppm         <1             Titanium         ppm         <1	Chromium	ppm		 	
Titanium         ppm         <1             Silver         ppm         0              Manganese         ppm         1              Vanadium         ppm         0              ADDITIVES               Calcium         ppm         3987              Magnesium         ppm         19              Zinc         ppm         1632	Molybdenum	ppm	0	 	
Silver         ppm         0              Manganese         ppm         1              Vanadium         ppm         0              ADDITIVES               Calcium         ppm         3987              Magnesium         ppm         19              Zinc         ppm         1632	Nickel	ppm		 	
Manganese         ppm         1             Vanadium         ppm         0              ADDITIVES                Calcium         ppm         3987              Magnesium         ppm         19              Zinc         ppm         1632		ppm		 	
Vanadium         ppm         0             ADDITIVES               Calcium         ppm         3987              Magnesium         ppm         19              Zinc         ppm         1632		ppm		 	
ADDITIVES         Same and the second se	-	ppm		 	
ADDITIVES           Calcium         ppm         3987             Magnesium         ppm         19             Zinc         ppm         1632	Vanadium	ppm	0	 	
ADDITIVES           Calcium         ppm         3987             Magnesium         ppm         19             Zinc         ppm         1632				 	
Magnesium         ppm         19              Zinc         ppm         1632	ADDITIV	VES			
Zinc ppm <b>1632</b>	Calcium	ppm	3987	 	
	Magnesium	ppm	19	 	
Phosphorus ppm <b>1400</b>	Zinc	ppm	1632	 	
	Phosphorus	ppm	1400	 	



#### CITY CARTING

221 OLD GATE LN MILFORD, CT US 06460 Contact: TAVINS BANKS tavins@citycart.net T: (203)223-3885 F

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot:CITMILCONUnique No:10796943Signed:Don BaldridgeReport Date:22 Dec 2023

0

125

ppm

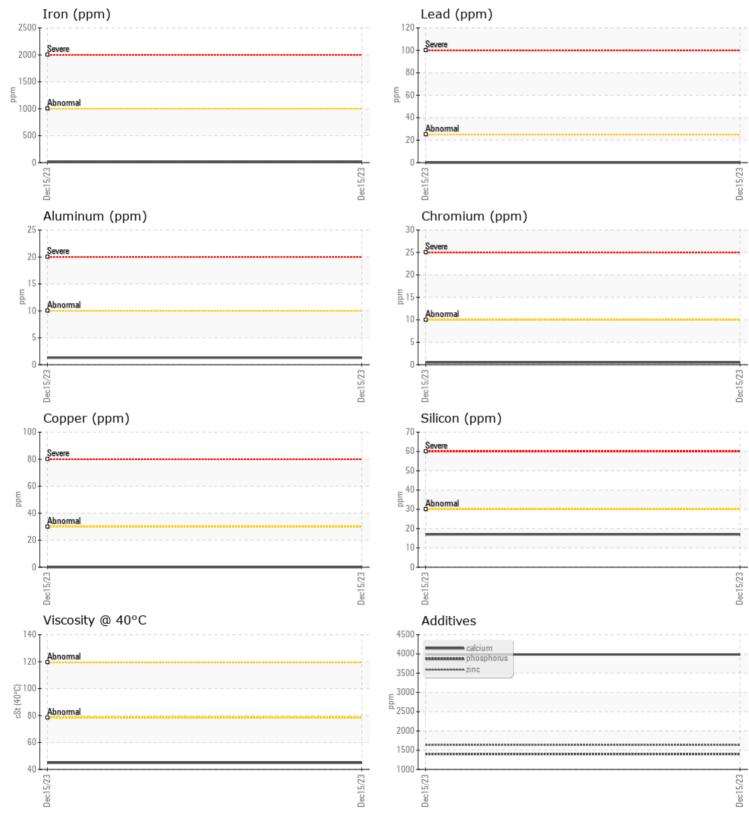
ppm

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: CITMILCON [WUSCAR] 06041714 (Generated: 12/22/2023 13:57:12) Rev: 1

Contact/Location: TAVINS BANKS - CITMILCON