

CONSTRUCTION EQUIPMENT

SW1024983 UPPER VALL VOLVO EC160D 220030 - FRONT LEFT FINAL DRIV

Sample No: VCP435300

Oil Type: GL5

Job No: SW1024983 UPPER VALL

Sample Number Sample Number Sample Number Sample Number Sample Number Sample Date 13 Nov 2023 Sample Date 13 Nov 2023 Sample Status Sample Status ABNORMAL Sample Status Sample Status					
Sample Number	SAMPLE	INFORMATION	N		
Sample Date 13 Nov 2023					
Machine Hours					
Oil Hours 0					
Not Changed Sample Status ABNORMAL Sample Status ABNORMAL Sample Status ABNORMAL Sample Status Sample Status					
Sample Status					
OIL CONDITION Visc @ 40°C	_				
OIL CONDITION Visc @ 40°C CSt ■214 <t< th=""><td>Sample Status</td><td></td><th>ADNORWAL</th><td> </td><td></td></t<>	Sample Status		ADNORWAL	 	
Visc @ 40°C CSt	VOLVO				
CONTAMINATION Water % NEG Silicon ppm 203	OIL CONI	DITION			
CONTAMINATION Water % NEG Silicon ppm 203	Visc @ 40°C	cSt	214	 	
CONTAMINATION					
Water % NEG Silicon ppm 4 <	COLVO	INATION			
Silicon					
Sodium				 	
Potassium		ppm		 	
Vear Metals Vear Metals		ppm			
Iron	Potassium	ppm	■11	 	
Iron	NOT YOU				
Iron	WEAR M	ETALS			
Copper ppm □ 1	_		<u></u> 607	 	
Lead ppm ■ 0 <td< th=""><td></td><td></td><th></th><td> </td><td></td></td<>				 	
Tin ppm □ 0 <td></td> <td></td> <th>_</th> <td></td> <td></td>			_		
Aluminum ppm 30			_	 	
Chromium ppm ■ 4 Molybdenum ppm 355 Nickel ppm <1 Titanium ppm 2 Silver ppm 0 Manganese ppm 4 Vanadium ppm <1 Magnesium ppm 15 Zinc ppm 9 Phosphorus ppm 611 Barium ppm 0				 	
Molybdenum ppm 355 Nickel ppm <1 Titanium ppm 2 Silver ppm 0 Manganese ppm 4 Vanadium ppm <1 Magnesium ppm 15 Zinc ppm 9 Phosphorus ppm 611 Barium ppm 0				 	
Nickel ppm Image: square squa			_	 	
Titanium ppm 2 Silver ppm 0 Manganese ppm 4 Vanadium ppm <1 Calcium ppm 38 Magnesium ppm 15 Zinc ppm 9 Phosphorus ppm 611 Barium ppm 0				 	
Silver ppm 0 <td></td> <td></td> <th></th> <td> </td> <td></td>				 	
Manganese ppm 4 Vanadium ppm 38 Magnesium ppm 15 Zinc ppm 9 Phosphorus ppm 611 Barium ppm 0	Silver			 	
Vanadium ppm <1	Manganese		4	 	
ADDITIVES Calcium ppm 38 Magnesium ppm 15 Zinc ppm 9 Phosphorus ppm 611 Barium ppm 0	_		<1	 	
ADDITIVES Calcium ppm 38 Magnesium ppm 15 Zinc ppm 9 Phosphorus ppm 611 Barium ppm 0					
Calcium ppm 38 Magnesium ppm 15 Zinc ppm 9 Phosphorus ppm 611 Barium ppm 0	VOLVO	rc			
Magnesium ppm 15 Zinc ppm 9 Phosphorus ppm 611 Barium ppm 0		F7			
Zinc ppm 9 Phosphorus ppm 611 Barium ppm 0		ppm		 	
Phosphorus ppm 611 Barium ppm 0	_	ppm	-	 	
Barium ppm 0					
FF	•			 	
Boron ppm 18		ppm		 	
	Boron	ppm	18	 	



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Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend an early resample to monitor this condition. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.

Depot:VOLVO0077Unique No:10753439Signed:Don BaldridgeReport Date:24 Nov 2023



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