

CONSTRUCTION EQUIPMENT VOLVO EC300 316426 - REAR LEFT FINAL DRIVE



VCP418449 Sample No: **OIL SAE 80W140**

GEAR (
ULAN Y

Job No:

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Sample Number		VCP418449	 	
Sample Date		11 Oct 2023	 	
Machine Hours		2967	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
VOLVO				
OIL CON	DITION			
Visc @ 40°C	cSt	270	 	
	cor			
VOLVO			 	
CONTAN	AINATION			
Silicon	ppm	A 151	 	
Sodium	ppm	4	 	
Potassium	ppm	5	 	
VOLVO WEAD A	ACTALC			
WEAR N	IL I ALS			
Iron	ppm	<u> </u>	 	
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm	🔺 11	 	
Molybdenum	ppm	■ <1	 	
Nickel	ppm	0	 	
Titanium	ppm	2	 	
Silver	ppm	<1	 	
Manganese	ppm	8	 	
Vanadium	ppm	0	 	
	/FS		 	
		- 7		
Calcium	ppm	7	 	
Magnesium	ppm	14	 	
Zinc	ppm	2	 	
Phosphorus	ppm	931	 	
Barium	ppm	0	 	
Boron	ppm	131	 	



113 - ASCENDUM MACHINERY INC - GARNER 3561 JONES SAUSAGE ROAD GARNER, NC US 27529 Contact: TRENT BROADWELL trent.broadwell@ascendummachinery.com T: (919)661-8817 F: (919)661-9038

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.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.

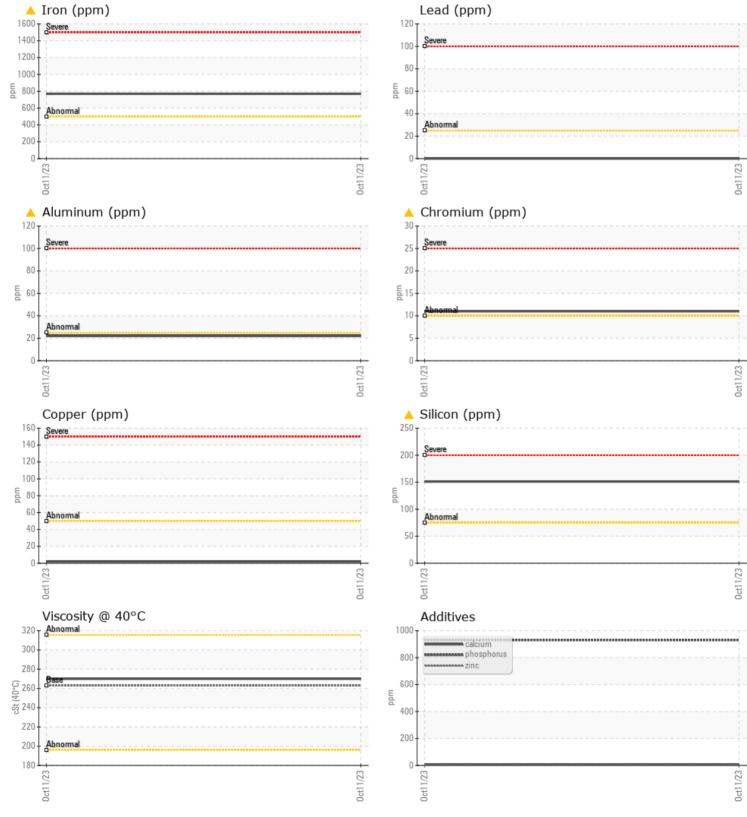
Depot: VOLVO0157 Unique No: 10698749 Signed: Don Baldridge Report Date: 19 Oct 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0157 [WUSCAR] 05981454 (Generated: 10/27/2023 04:37:28) Rev: 1

Contact/Location: TRENT BROADWELL - VOLVO0157