

CONSTRUCTION EQUIPMENT SWA532686 VOLVO A40G 352020 - DROP BOX



Sample No: VCP423815

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5

Job No: SWA532686

SAMPLE	INFORMATION				
Sample Number		VCP423815	VCP322899	VCP342328	
Sample Date		16 Apr 2024	02 Apr 2024	11 Nov 2021	
Machine Hours		6476	6397	4531	
Oil Hours		0	0	0	
Oil Changed		Changed	Not Changd	Not Changd	
Sample Status		ABNORMAL	ABNORMAL	NORMAL	
Sumple Status		ADITORNAL	/ IDI VOI (IVI) (L	TVOTCIVII/ CE	
VOLVO					
OIL CON	DITION				
Visc @ 40°C	cSt	43.7	1 46	144	
VOLVO					
CUNTAN	IINATION				
_				1150	
Water	%	NEG	NEG	NEG	
Silicon	ppm	■ 18	52	4 3	
Sodium	ppm	5	6	4	
Potassium	ppm	■0	■3	■ 0	
VOLVO					
WEAR M	IETALS				
Iron	ppm	41	<u>△</u> 635	■ 187	
Copper	ppm	<u>▲</u> 103	4	■3	
Lead	ppm	■0	0	0	
Tin	ppm	■0	0	0	
Aluminum	ppm	■ <1	49	□ 19	
Chromium	ppm	■0	7	2	
Molybdenum	ppm	0	3 1	1 8	
Nickel	ppm	1	1 4	0	
Titanium	ppm	0	<1	<1	
Silver	ppm	0	0	0	
Manganese	ppm	0	6	3	
Vanadium	ppm	0	0	0	
VOLVO	IEC				
ADDITIV	(1)				
Calcium	ppm	9 3717	216	□ 262	
Magnesium	ppm	■26	7 5	60	
Zinc	ppm	1367	□ 141	■130	
Phosphorus	ppm	1154	■1068	■1001	
Barium	ppm	0	0	0	
Boron	ppm	111	1 06	111	



LIBERTY ENVIRONMENTALIST INC

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Contact: SERVICE MANAGER

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Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is higher than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot:LIBCLAUnique No:10994026Signed:Jonathan HesterReport Date:25 Apr 2024



CONSTRUCTION EQUIPMENT





