

CONSTRUCTION EQUIPMENT 9535 VOLVO ECR235EL 310385 - SWING DRIVE



Sample No: VCP413840

Oil Type: CHEVRON DELO GEAR ESI OIL 85W140

Job No: 9535

SAMPLE	INFORMATION				
Sample Number		VCP413840	VCP272100	VCP214649	
Sample Date		28 Aug 2023	13 Jun 2020	11 Jan 2018	
Machine Hours		4209	2176	485	
Oil Hours		0	0	0	
Oil Changed		Changed	Changed	Changed	
Sample Status		ABNORMAL	ABNORMAL	NORMAL	
		ADITORINAL	/ IDI VOI (IVI) (L	TVOTCIVITY CE	
VOLVO					
OIL CON	DITION				
Visc @ 40°C	cSt	297	56.5	182.2	
COLVO	MINATION				
_			<u></u>		
Water	%	△ 0.273			
Silicon	ppm	13	0	1 0	
Sodium	ppm	2	1	1	
Potassium	ppm	■1	1	5	
VOLVO					
WEAR N	METALS				
Iron	ppm	<u> 1481</u>	<u> 1222</u>	□ 110	
Copper	ppm	■11	3 0	8	
Lead	ppm	0	<1	0	
Tin	ppm	0	<1	0	
Aluminum	ppm	■4	<1	<1	
Chromium	ppm	<u> </u>	▲ 13	2	
Molybdenum	ppm	O	0	0	
Nickel	ppm	■<1	<1	<1	
Titanium	ppm	<1	<1	<1	
Silver	ppm	0	0	0	
Manganese	ppm	■13	11	2	
Vanadium	ppm	0	<1	0	
	- Free Control				
VOLVO	IFC				
ADDITIV	IFZ				
Calcium	ppm	■28	18	3	
Magnesium	ppm	4	2	0	
Zinc	ppm	14	33	9	
Phosphorus	ppm	1226	2072	440	
Barium	ppm	0	0	<1	
Boron	ppm	279	136	<1	



DIRT PLUS

1001 PRINCE GEORGES BLVD UPPER MARLBORO, MD US 20772 Contact: MARCO DECESARIS mdecesaris@dirtplus.biz

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Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot:DIRUPPUnique No:10635511Signed:Don BaldridgeReport Date:10 Sep 2023



CONSTRUCTION EQUIPMENT





