

CONSTRUCTION EQUIPMENT VOLVO EC350EL 314716 - DIESEL ENGINE



Sample No: VCP438891

Oil Type: V

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

	NFORMATION				
		VCP438891	VCP436713	<u>.</u>	<u>.</u>
Sample Number					
Sample Date		15 May 2024 1318	15 Feb 2024		
Machine Hours		0	671		
Oil Hours			0		
Oil Changed		Changed			
Sample Status		ABNORMAL	ABNORMAL		
OIL CONDI	TION				
	-			_	
Visc @ 100°C	cSt	11.9	10.8		
Base Number (BN)	mg KOH/g	■ 8.0	5.3		
Oxidation (PA)	%	83	65		
VOLVO					
Contamin	NATION				
Water	%	NEG	NEG		
Soot %	%	0.1	0.1		
Nitration (PA)	%	69	76		
Sulfation (PA)	%	62	57		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	0.5		
Silicon	ppm	1 0	26		
Sodium	ppm	■ <1	3		
Potassium	ppm	3	1		
	ppm		<u> </u>		
VOLVO					
VEAR ME	TALS				
Iron	ppm	8	13		
Copper	ppm	6 2	<u> </u>		
Lead	ppm	□<1	3		
Tin	ppm	2	2		
Aluminum	ppm	2	2		
Chromium	ppm	■ <1	0		
Molybdenum	ppm	50	84		
Nickel	ppm	 <1	 <1		
Titanium	ppm	<1	0		
Silver	ppm	■ <1	0		
Manganese	ppm	1	2		
Vanadium	ppm	<1	0		
	S				
Calcium	ppm	1691	2082		
	ppm	436	150		
viannesium	ppm	1105	1266		
Magnesium Zinc		<u> </u>	1200		
Zinc		932	1028		
	ppm ppm	932	□ 1028 □ 0		

ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

Diagnosis

and filter change at the time of npling has been noted. No rrective action is recommended at s time. Resample at the next vice interval to monitor.The oper level has decreased, but is still normal. In the absence of other nificant wear metals, suspect oper due to sources other than ar (i.e. cooling core). All other mponent wear rates are normal. ere is no indication of any ntamination in the oil. The oil cosity is lower than normal. The result indicates that there is table alkalinity remaining in the oil. nfirm oil type.

 Depot:
 VOLV00090

 Unique No:
 11035300

 Signed:
 Sean Felton

 Report Date:
 21 May 2024

Report Id: VOLVO0090 [WUSCAR] 06183974 (Generated: 05/21/2024 16:27:17) Rev: 1

Contact/Location: TODD LARK - VOLVO0090

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO

