

CONSTRUCTION EQUIPMENT VOLVO EC350EL 314600 - DIESEL ENGINE



Sample No: VCP451101

Oil Type:

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

VOLVO				
SAMPLE IN	FORMATION			
Sample Number	-	VCP451101	VCP436589	
Sample Date		08 Jul 2024	19 Feb 2024	
Machine Hours		1667	764	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		MARGINAL	ABNORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.1	10.6	
Base Number (BN)	mg KOH/g	6.7	8.9	
Oxidation (PA)	%	89	78	
	,0		, 0	
	-	NEC	NEC	
Water	%	NEG	NEG	
Soot %	%	■0.1 82	0.5	
Nitration (PA)		64	62	
Sulfation (PA)	%			
Glycol Fuel	%	NEG <1.0	NEG	
Fuei Silicon			0.8	
Silicon Sodium	ppm	8	2 1	
	ppm	4		
Potassium	ppm	3	□ <1	
VOLVO				
VEAR ME	TALS			
Iron	ppm	8	11	
Copper	ppm	37	▲ 252	
Lead	ppm	■<1	3	
Tin	ppm	1	1	
Aluminum	ppm	1	2	
Chromium	ppm	0	0	
Molybdenum	ppm	46	82	
Nickel	ppm	0	 <1	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	 <1	2	
Vanadium	ppm	0	0	
Calcium	ppm	1748	2062	
Magnesium	ppm	420	161	
Zinc	ppm	1086	1279	
Phosphorus	ppm	843	1025	
Barium	ppm	0	0	
Boron	ppm	28	15	
001011	ppm	20		

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

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil.

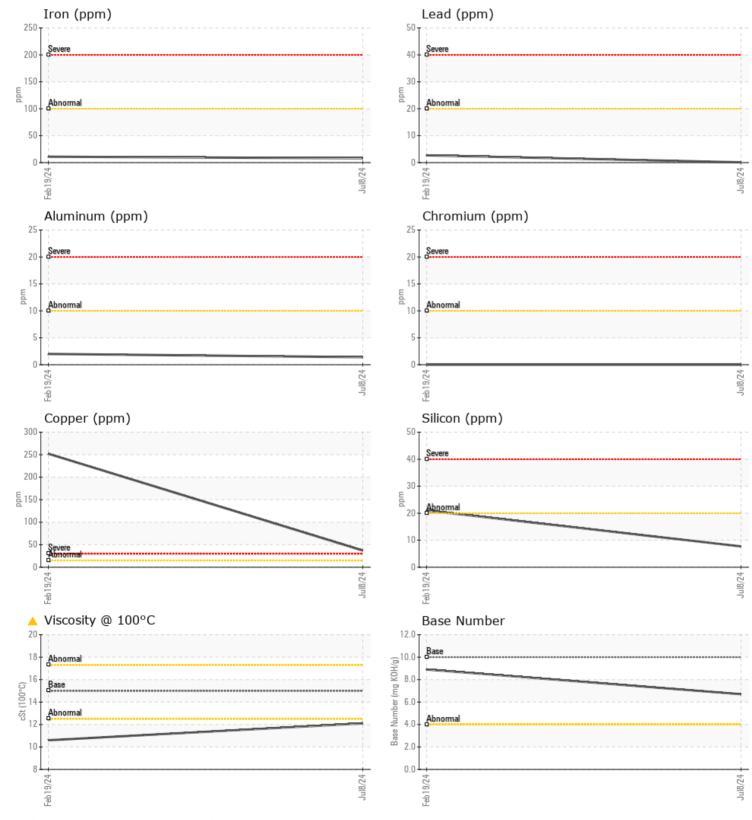
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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