

CONSTRUCTION EQUIPMENT VOLVO A45G 353279 - DIESEL ENGINE



Sample No: VCP422570

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

	FORMATION			
Sample Number		VCP422570	VCP421342	
Sample Date		21 Nov 2023	01 Aug 2023	
Machine Hours		2605	1852	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		ATTENTION	ATTENTION	
VOLVO				
V OIL CONDI	-			
Visc @ 100°C	cSt	A 11.9	▲ 12.0	
Base Number (BN)	mg KOH/g	9.0	8.4	
Oxidation (PA)	%	80	81	
	ATION			
		NEC	NEC	
Water	%	NEG	NEG	
Soot %		0.4	0.6	
Nitration (PA)	%	68 61	73	
Sulfation (PA)	%		61	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	2.1	
Silicon	ppm	5	6	
Sodium	ppm	2	2	
Potassium	ppm	0	<1	
VOLVO				
VEAR ME	TALS			
Iron	ppm	8	11	
Copper	ppm	5	16	
Lead	ppm		2	
Tin	ppm		1	
Aluminum	ppm		<1	
Chromium	ppm		□ <1	
Molybdenum	ppm	56	47	
Nickel	ppm	1	3	
Titanium	ppm	0	<1	
Silver	ppm	0	□ <1	
Manganese	ppm	□ <1	<1	
Vanadium	ppm	<1	<1	
VOLVO	-			
	<u> </u>			
Calcium	ppm	1623	1698	
Magnesium	ppm	477	497	
Zinc	ppm	1016	1077	
Phosphorus	ppm	922	881	
Barium	ppm	0	0	
Boron	ppm	23	22	



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. Confirm oil type.

 Depot:
 VOLVO0090

 Unique No:
 10763881

 Signed:
 Don Baldridge

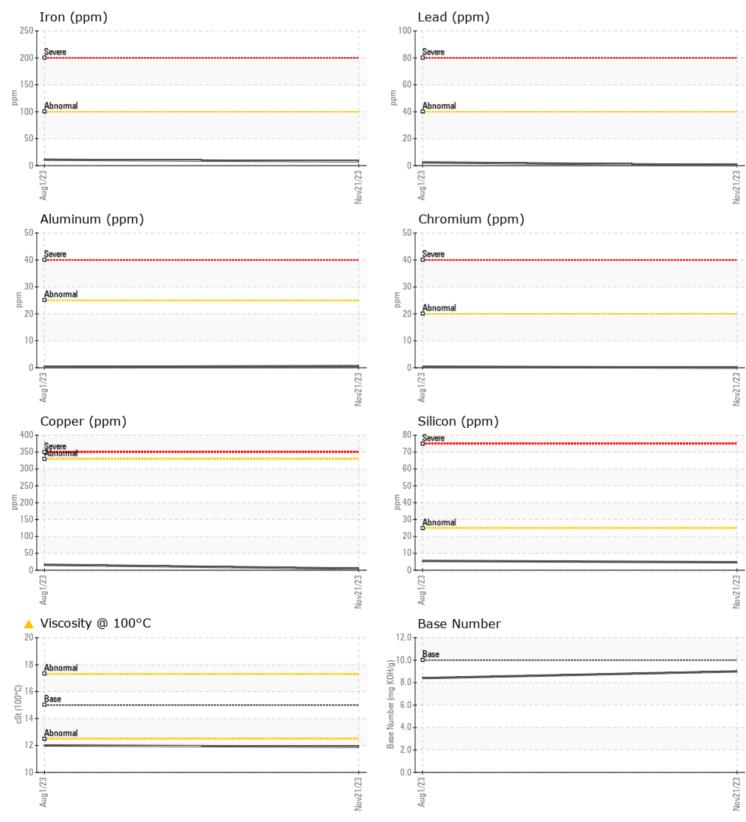
 Report Date:
 01 Dec 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06019381 (Generated: 12/01/2023 14:52:49) Rev: 1

Contact/Location: TODD LARK - VOLVO0090