

CONSTRUCTION EQUIPMENT VOLVO A45G 352747 - DIESEL ENGINE



Sample No: VCP436141

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Oil Type: Job No:

SAMPLE IN	FORMATION				· ۱
Sample Number		VCP436141	VCP433575	 	
Sample Date		16 Feb 2024	25 Sep 2023	 	ALTA
Machine Hours		1406	795	 	5151
Oil Hours		0	0	 	FORT
Oil Changed		Changed	Changed	 	US 3
Sample Status		ATTENTION	ABNORMAL	 	Conta
		ATTENTION	//bivor(in//L		tlark
VOLVO					T:
V OIL CONDI	IUN			 	F: (23
Visc @ 100°C	cSt	12.4	1 0.7	 	
Base Number (BN)	mg KOH/g	8.9	7.3	 	Die
Oxidation (PA)	%	82	63	 	Dia
					Oil a
					sam
					at th
Water	%	NEG	NEG	 	mor are i
Soot %	%	0.2	0.5	 	any
Nitration (PA)	%	64	60	 	visco
Sulfation (PA)	%	62	56	 	BN r
Glycol	%	NEG	NEG	 	suita
Fuel	%	<1.0	0.4	 	Con
Silicon	ppm	9	34	 	
Sodium	ppm	8	2	 	
Potassium	ppm	0	 <1	 	
VOLVO					
WEAR MET	TALS				
Iron	ppm	16	36	 	
Copper	ppm	32	147	 	
Lead	ppm	■ <1	<1	 	
Tin	ppm	1	5	 	
Aluminum	ppm	3	6	 	
Chromium	ppm		1	 	
Molybdenum	ppm	53	62	 	
Nickel	ppm	7	▲ 12	 	
Titanium	ppm	0	0	 	
Silver	ppm		0	 	
Manganese	ppm	 <1	3	 	
Vanadium	ppm	0	0	 	
	1.1	_			
	5			 	
Calcium	ppm	1743	1735	 	•
Magnesium	ppm	522	400	 	
Zinc	ppm	1188	1239	 	
Phosphorus	ppm	981	1016	 	
Barium	ppm	0		 	Depo
Boron	ppm	36	84	 	Uniqu
	PPIII				Uniqu



A EQUIPMENT COMPANY

DR MARTIN LUTHER KING BLVD MYERS, FL 33905 act: TODD LARK @altaequipfl.com 39)481-3302

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and filter change at the time of pling has been noted. Resample ne next service interval to nitor.All component wear rates normal. There is no indication of contamination in the oil. The oil osity is lower than normal. The result indicates that there is able alkalinity remaining in the oil. firm oil type.

Report Id: VOLVO0090 [WUSCAR] 06094694 (Generated: 02/22/2024 10:26:30) Rev: 1

Contact/Location: TODD LARK - VOLVO0090

Signed: Report Date: VOLVO0090

22 Feb 2024

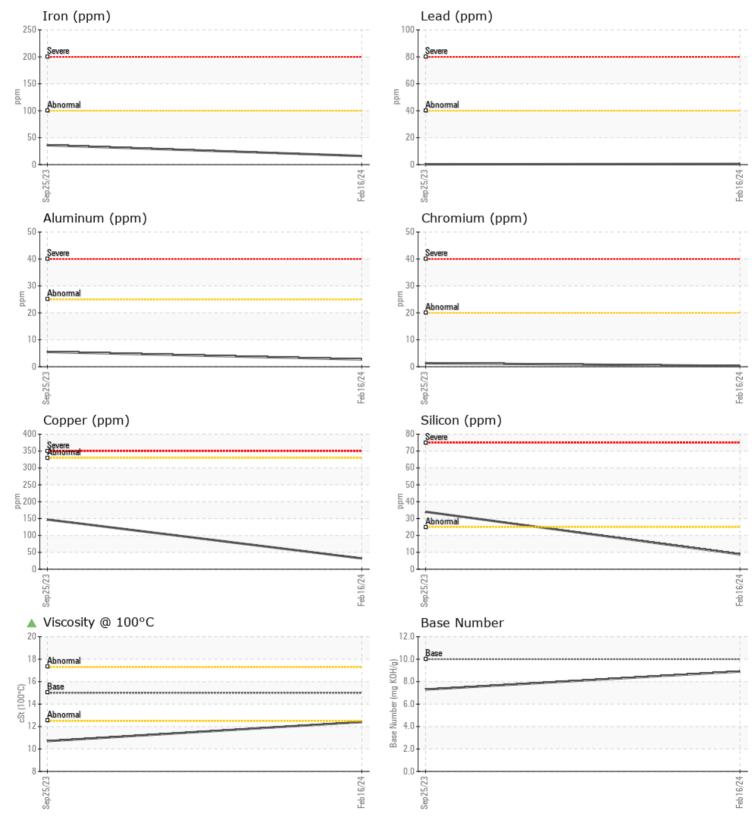
10887547 Don Baldridge

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: TODD LARK - VOLVO0090