CONSTRUCTION EQUIPMENT SUPERIOR VOLVO A30G 753239 - DIESEL ENGINE



Sample No: VCP435618 Oil Type: VOLVO ULT

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SUPERIOR

SAMPLE I	NFORMATION			
Sample Number	-	VCP435618	VCP400677	
Sample Date		12 Feb 2024	19 Sep 2023	
Machine Hours		1261	610	
Oil Hours		0	0	
Oil Changed		N/A	Changed	
Sample Status		ABNORMAL	NORMAL	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.8	12.6	
Base Number (BN)	mg KOH/g	8.3	10.5	
Oxidation (PA)	%	74	86	
CONTAMIN	NATION			
Water	%	NEG	NEG	
Soot %	%	0.5	0	
Nitration (PA)	%	73	53	
Sulfation (PA)	%	59	70	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	5	9	
Sodium	ppm	1	4	
Potassium	ppm	3	1	
WEAR ME	TALS			
Iron	ppm	12	5	
Copper	ppm	7	59	
Lead	ppm	■ <1	 <1	
Tin	ppm	∎1	 <1	
Aluminum	ppm	2	0	



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.Exhaust valve wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Chromium ppm **1** < 1 Molybdenum 44 45 ppm Nickel Δ3 < 1 ppm Titanium 0 <1 ppm Silver < 1 ppm 0 Manganese 1 2 ppm Vanadium 0 ppm <1 **ADDITIVES** Calcium 1450 1756 ppm

Magnesium 438 447 ppm Zinc ppm 1067 1130 888 965 Phosphorus ppm Barium 1 🔲 0 ppm 27 Boron ppm 73

 Depot:
 VOLVO0093

 Unique No:
 10900466

 Signed:
 Sean Felton

 Report Date:
 29 Feb 2024

Report Id: VOLVO0093 [WUSCAR] 06102236 (Generated: 02/29/2024 16:08:32) Rev: 1

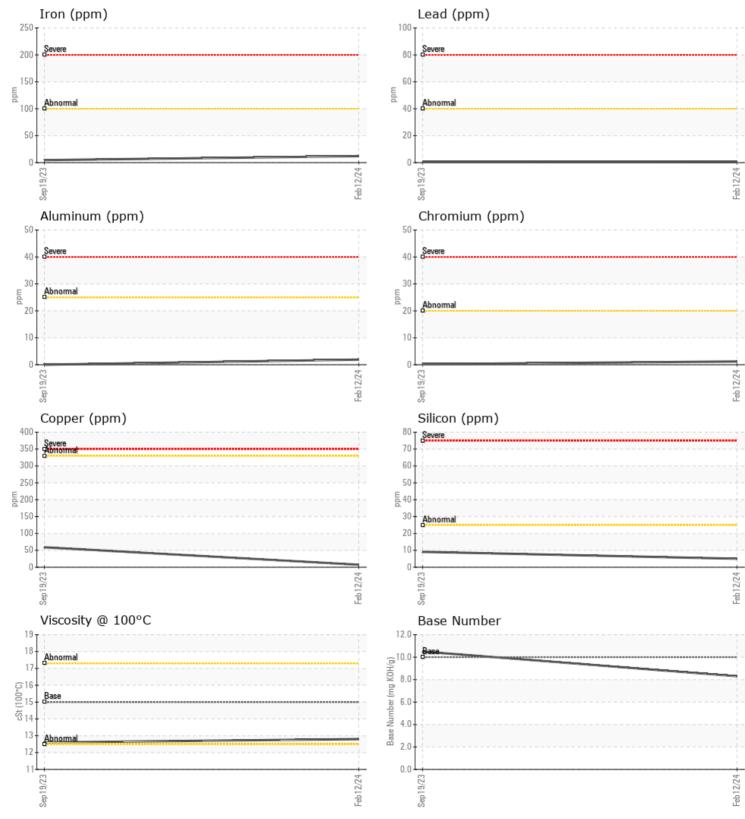
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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