CONSTRUCTION EQUIPMENT 675482 MARK CONST TAKEUCHI TL8 408006478 - DIESEL ENGIN

Sample No:VCP446617Oil Type:VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 675482 MARK CONST

VOLVO

SAMPLE INFORMATION VCP446617 Sample Number Sample Date 26 Feb 2024 Machine Hours 111 Oil Hours 0 Changed Oil Changed ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt **10.9** Base Number (BN) mg KOH/g 7.3 Oxidation (PA) % 47 CONTAMINATION NEG % Water

Water	70			
Soot %	%		 	
Nitration (PA)	%	57	 	
Sulfation (PA)	%	47	 	
Glycol	%	NEG	 	
Fuel	%	<u> </u>	 	
Silicon	ppm	1 4	 	
Sodium	ppm	11	 	
Potassium	ppm	2	 	

WEAR METAL

WLAK N	AE I ALS			
Iron	ppm	12	 	
Copper	ppm	27	 	
Lead	ppm	0	 	
Tin	ppm	 <1	 	
Aluminum	ppm	3	 	
Chromium	ppm	1	 	
Molybdenum	ppm	10	 	
Nickel	ppm	 <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	0	 	

ADDITIVES 2364 Calcium ppm 48 Magnesium ppm Zinc ppm 1074 886 Phosphorus ppm Barium 2 ppm 7 Boron ppm



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: Robert LaPlante robert.laplante@altg.com T: (407)508-9736 F: (407)659-8720

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Light fuel dilution occurring. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity. The condition of the oil is suitable for further service.

 Depot:
 VOLV00096

 Unique No:
 10902241

 Signed:
 Wes Davis

 Report Date:
 04 Mar 2024

Report Id: VOLVO0096 [WUSCAR] 06104011 (Generated: 03/04/2024 11:12:41) Rev: 1

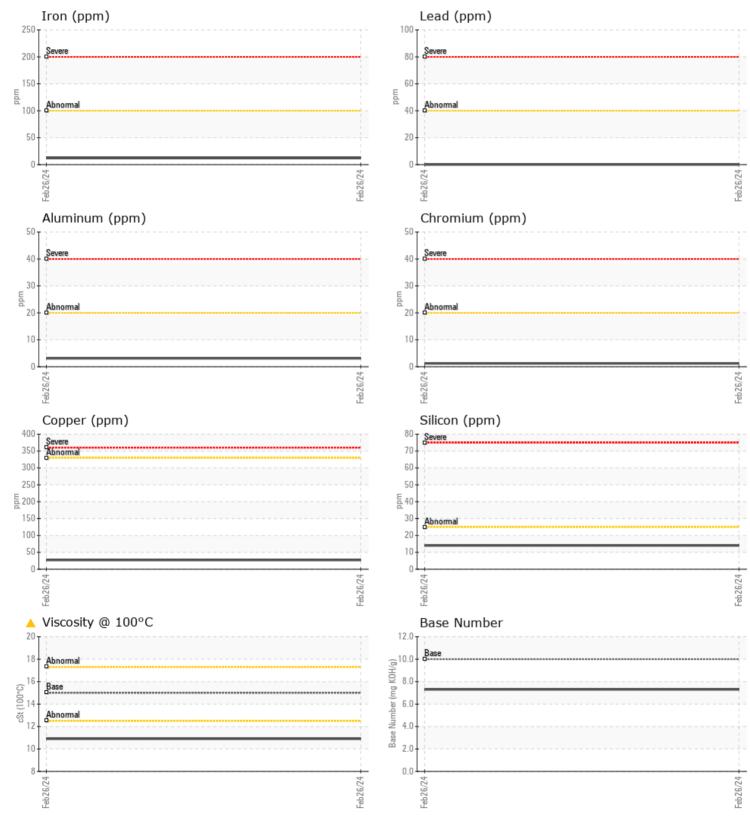
Contact/Location: Robert LaPlante - VOLVO0096

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Robert LaPlante - VOLVO0096