CONSTRUCTION EQUIPMENT 1493 VOLVO A45G 342701 - DIESEL ENGINE



Sample No: VCP415823

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	1493

SAMPLE INFORMATION Sample Number VCP415823 Sample Date 20 Dec 2023 Machine Hours 5677 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.3 Base Number (BN) mg KOH/g 9.8 Oxidation (PA) 78 % CONTAMINATION NEC

Water	%	NEG	 	
Soot %	%		 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	0.8	 	
Silicon	ppm	6	 	
Sodium	ppm	0	 	
Potassium	ppm	2	 	

WEAR I	METALS			
Iron	ppm	13	 	
Copper	ppm	9	 	
Lead	ppm	■ <1	 	
Tin	ppm		 	
Aluminum	ppm	3	 	
Chromium	ppm		 	
Molybdenum	ppm	43	 	
Nickel	ppm	2	 	
Titanium	ppm	<1	 	
Silver	ppm		 	
Manganese	ppm	■<1	 	
Vanadium	maa	0	 	

ADDITIVES 1643 Calcium ppm 438 Magnesium ppm Zinc ppm 1093 925 Phosphorus ppm Barium 9 🔲 ppm 70 Boron ppm



VCES- VOLVO CONSTRUCTION EQUIPMENT

8594 FRUITRIDGE ROAD SACRAMENTO, CA US 95826 Contact: RAY KRANZUSCH ray.kranzusch@vcesvolvo.com T: F:

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLVO4485

 Unique No:
 10805961

 Signed:
 Wes Davis

 Report Date:
 29 Dec 2023

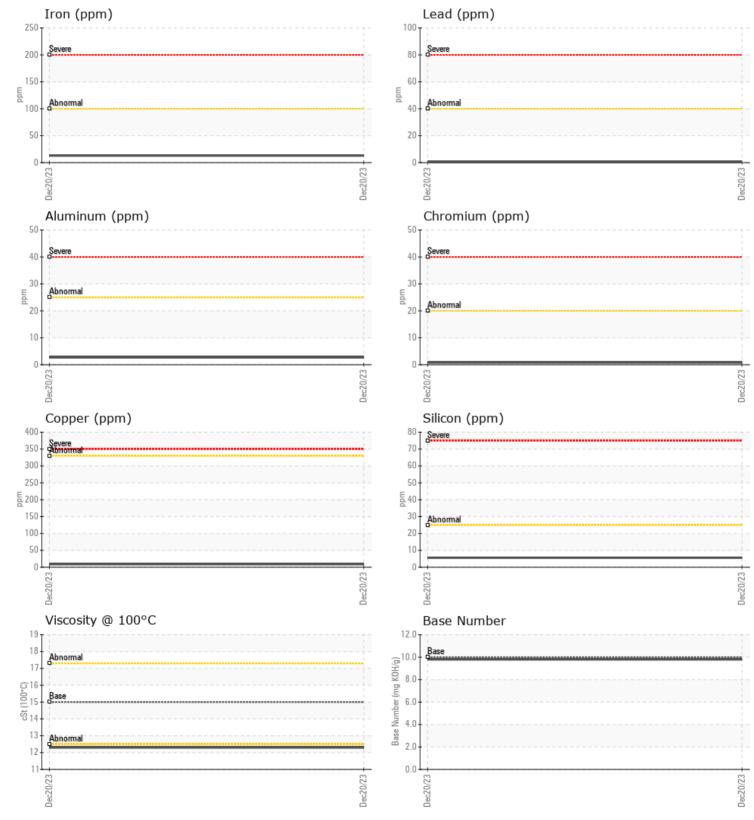
Contact/Location: RAY KRANZUSCH - VOLVO4485

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO4485 [WUSCAR] 06045353 (Generated: 12/29/2023 09:32:42) Rev: 1

Contact/Location: RAY KRANZUSCH - VOLVO4485