CONSTRUCTION EQUIPMENT 1317 VOLVO ECR355E 314464 - DIESEL ENGINE



Sample No: VCP442618

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	1317

SAMPLE INFORMATION VCP442618 Sample Number Sample Date 15 Nov 2023 Machine Hours 640 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.6 Base Number (BN) mg KOH/g 8.7 Oxidation (PA) 54 %

CONTAN	MINATION			
Water	%	NEG	 	
Soot %	%	0	 	
Nitration (PA)	%	48	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	8	 	
Sodium	ppm	2	 	
Potassium	ppm	3	 	

WEAR METALS

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Iron	ppm	4	 	
Copper	ppm	5	 	
Lead	ppm	■ <1	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm	■<1	 	
Molybdenum	ppm	12	 	
Nickel	ppm	1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

ADDITIVES 1665 Calcium ppm Magnesium 461 ppm Zinc ppm 949 Phosphorus ppm 713 Barium 0 🔲 ppm 58 Boron ppm



VCES- VOLVO CONSTRUCTION EQUIPMENT

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

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. 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:
 10753835

 Signed:
 Wes Davis

 Report Date:
 23 Nov 2023

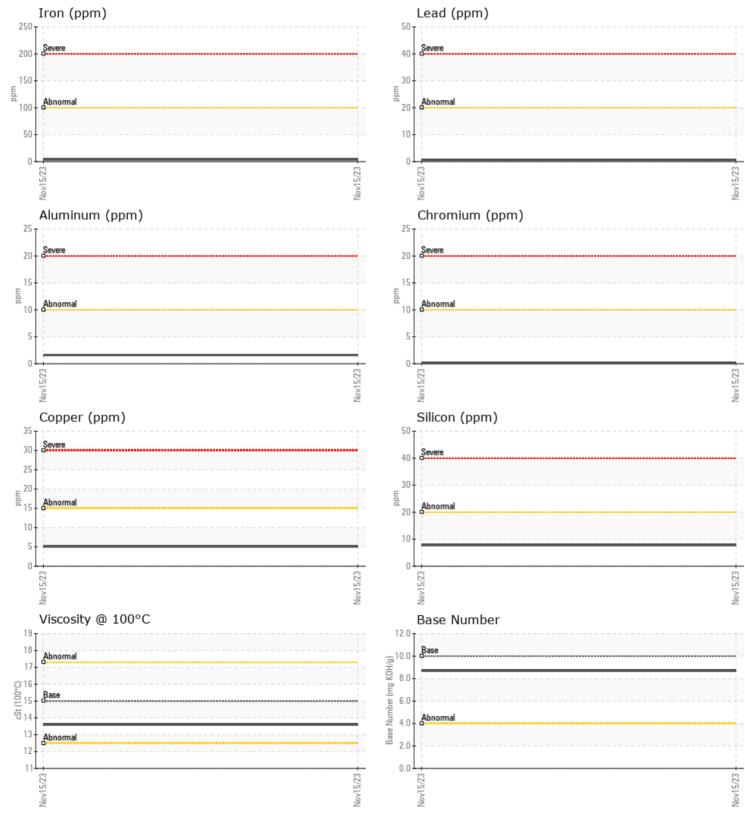
Contact/Location: RAY KRANZUSCH - VOLVO4485

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO4485 [WUSCAR] 06014691 (Generated: 11/23/2023 05:35:38) Rev: 1

Contact/Location: RAY KRANZUSCH - VOLVO4485