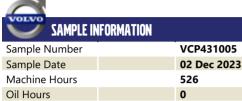
## CONSTRUCTION EQUIPMENT 1309 VOLVO ECR355E 314478 - DIESEL ENGINE



## Sample No: VCP431005

VOLVO

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	1309



On Hours		v					
Oil Changed		Changed					
Sample Status		NORMAL					
OIL CONDITION							
Visc @ 100°C	cSt	<b>12.6</b>					
Base Number (BN)	mg KOH/g	6.7					
Oxidation (PA)	%	41					

CONTAN	MINATION			
Water	%	NEG	 	
Soot %	%	<b>0.1</b>	 	
Nitration (PA)	%	56	 	
Sulfation (PA)	%	47	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>1</b> 3	 	
Sodium	ppm	2	 	
Potassium	ppm	4	 	

## WEAR METALS

Iron	ppm	9	 	
Copper	ppm	<b>1</b> 4	 	
Lead	ppm	□ <1	 	
Tin	ppm	2	 	
Aluminum	ppm	<b>11</b>	 	
Chromium	ppm	<b>■</b> <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	7	 	
Titanium	ppm	<1	 	
Silver	ppm	∎1	 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

ADDITIVES					
Calcium	ppm	<b>1933</b>			
Magnesium	ppm	265			
Zinc	ppm	<b>1068</b>			
Phosphorus	ppm	946			
Barium	ppm	<b>4</b>			
Boron	ppm	<b>15</b>			



#### 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:
 10794202

 Signed:
 Wes Davis

 Report Date:
 20 Dec 2023

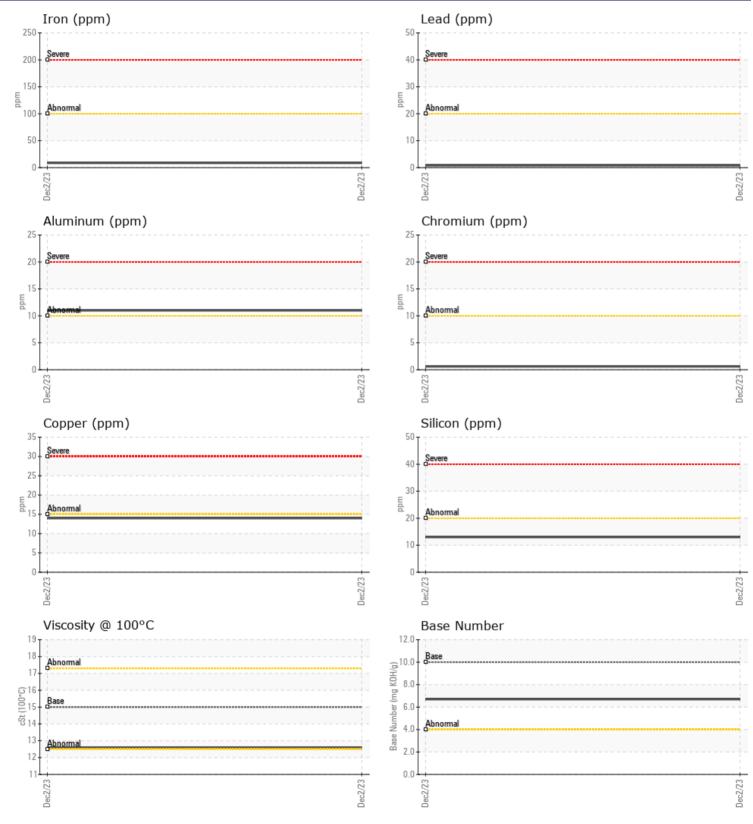
Contact/Location: RAY KRANZUSCH - VOLVO4485

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Contact/Location: RAY KRANZUSCH - VOLVO4485