CONSTRUCTION EQUIPMENT \$\$0402342 VOLVO L35GS 3424382 - DIESEL ENGINE



Sample No: VCP435927 **Oil Type:**

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

VCP435927 20 Dec 2023

500

500

Changed ABNORMAL

10.8

9.6

81

Job No:

Sample Number

S50402342

SAMPLE INFORMATION

cSt

%

Sample Number
Sample Date
Machine Hours
Oil Hours
Oil Changed
Sample Status

Visc @ 100°C Base Number (BN) mg KOH/g

Duse Multiper (D
Oxidation (PA)
VOLVO
CONTA

CONTAMIN	IATION			
Water	%	NEG	 	
Soot %	%	0	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	0.0	 	
Silicon	ppm	1 8	 	
Sodium	ppm	2	 	
Potassium	ppm	3	 	

VEAD METAL

WEAK I	METALS			
Iron	ppm	1 4	 	
Copper	ppm	<u> </u>	 	
Lead	ppm	0	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	3	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	39	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	1755				
Magnesium	ppm	409				
Zinc	ppm	1048				
Phosphorus	ppm	872				
Barium	ppm	1 3				
Boron	ppm	55				



VCES- VOLVO CONSTRUCTION EQUIPMENT

22099 KNABE ROAD CORONA, CA US 92883 Contact: OSCAR DEL CAMPO oscar.delcampo@vcesvolvo.com T: (951)277-7620 F: (951)277-4550

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. Tests indicate that there is no fuel present in the oil. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Depot: VOLVO4486 Unique No: 10805965 Signed: Angela Borella Report Date: 29 Dec 2023

Report Id: VOLVO4486 [WUSCAR] 06045357 (Generated: 12/29/2023 12:46:53) Rev: 1

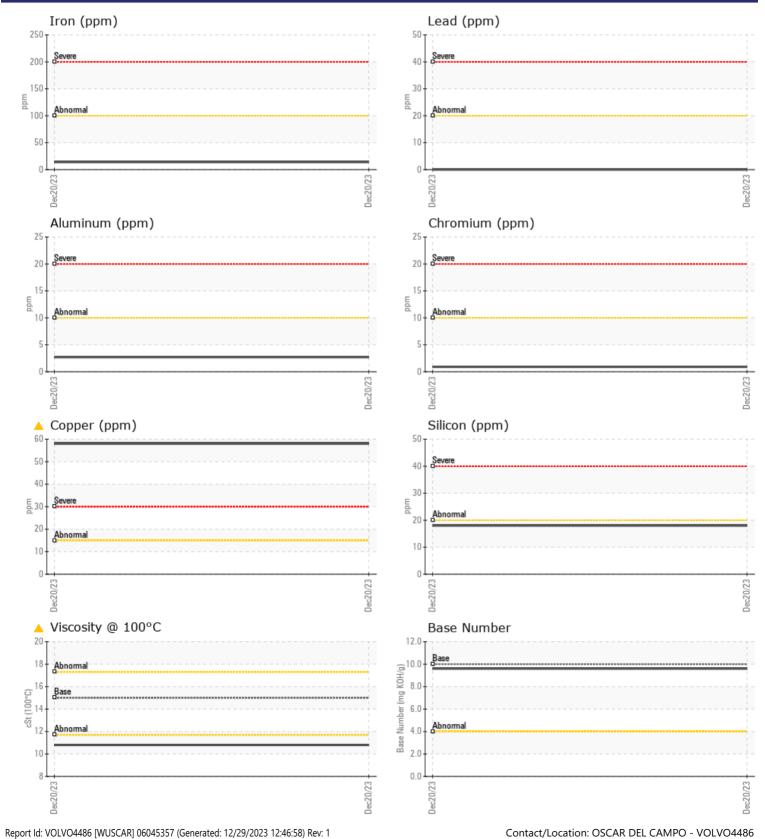
Contact/Location: OSCAR DEL CAMPO - VOLVO4486

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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