CONSTRUCTION EQUIPMENT SWO-068033 SCHNITZER VOLVOL110H 632402 - DIESEL ENGINE

Sample No: VCP447557 **Oil Type:**

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: SWO-068033 SCHNITZER

SAMPLE INFORMATION VCP447557 Sample Number VCP402531 Sample Date 11 Dec 2023 20 Apr 2023 Machine Hours 2651 1358 Oil Hours 0 0 N/A Not Changd Oil Changed NORMAL Sample Status NORMAL T: **OIL CONDITION** 13.1 Visc @ 100°C cSt 13.6 10.3 Base Number (BN) mg KOH/g 9.9 Oxidation (PA) 74 80 % CONTAMINATION NEG % NEG Water % Soot % 0.5 0.1 Nitration (PA) % 59 50 % 59 61 Sulfation (PA) Glycol % NEG NEG Fuel % < 1.0 <1.0 Silicon ppm 6 🔲 4 Sodium ppm 1 < 1 Potassium ppm ■ <1 0



COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY **BIRMINGHAM, AL** US 35217 Contact: BRANTLY CLAY bclay@cowin.com F: (205)856-2106

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. 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.

WEAR N	METALS			
<u> </u>	-			
Iron	ppm	26	6	
Copper	ppm	6	6	
Lead	ppm	2	0	
Tin	ppm	 <1	0	
Aluminum	ppm	3	2	
Chromium	ppm		0	
Molybdenum	ppm	45	37	
Nickel	ppm	0	0	
Titanium	ppm	<1	0	
Silver	ppm	0	0	
Manganese	ppm	■ <1	<1	
Vanadium	ppm	<1	0	
VOLVO				

ADDITIVES								
Calcium	ppm	1479	1538					
Magnesium	ppm	545	460					
Zinc	ppm	1157	1038					
Phosphorus	ppm	939	817					
Barium	ppm	0	0					
Boron	ppm	27	52					

Depot: VOLVO8528 Unique No: 10789535 Signed: Wes Davis Report Date: 15 Dec 2023

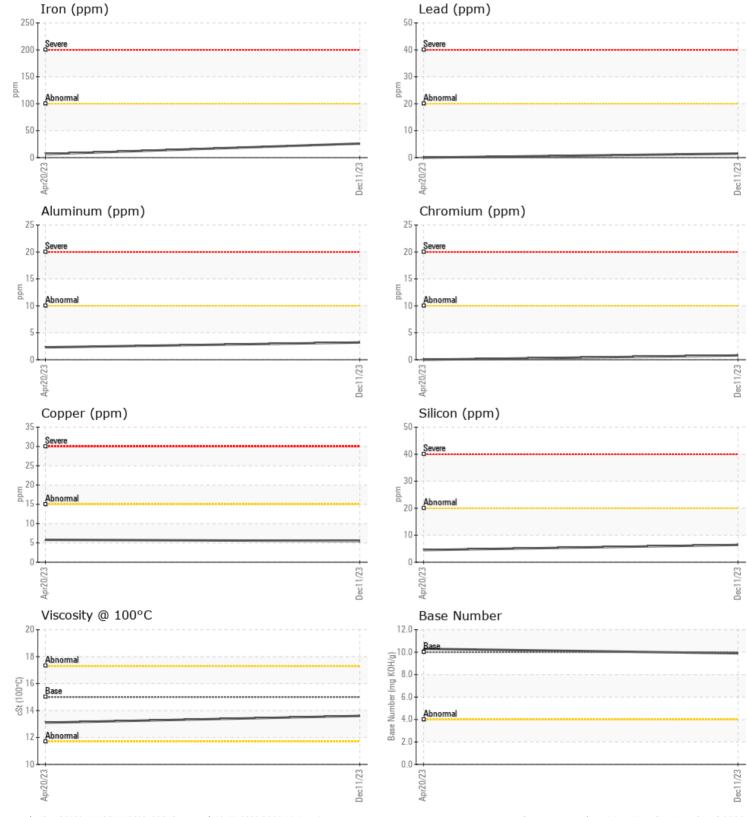
Contact/Location: BRANTLY CLAY - VOLVO8528

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8528 [WUSCAR] 06034306 (Generated: 12/15/2023 06:28:51) Rev: 1

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