CONSTRUCTION EQUIPMENT S50402329 VOLVO EC250EL 316088 - DIESEL ENGINE

Sample No:	VCP412877
Oil Type:	DIESEL ENGINE OIL SAE 15W40
Job No:	S50402329

VCP412877

SAMPLE INFORMATION

Sample Number

VOLVO

Sample Number		VCP4128//							
Sample Date		15 Dec 2023							
Machine Hours		2232							
Oil Hours		0							
Oil Changed		Changed							
Sample Status		NORMAL							
OIL COND									
Visc @ 100°C	cSt	13.5							
Base Number (BN)	mg KOH/g	10.2							
Oxidation (PA)	%	92							
CONTAMINATION									
	NATION								
Water	%	NEG							
Soot %	%	0.3							
Nitration (PA)	%	74							
Sulfation (PA)	%	64							
Glycol	%	NEG							
Fuel	%	<1.0							
Silicon	ppm	6							
Sodium	ppm	4							



PINNICLE ENTERPRISES

6653 SMITH AVEN NEWARD, CA US 94560 Contact: Service Manager

T: F:

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 METALS

ppm

0

Potassium

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Iron	ppm	6	 	
Copper	ppm	1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	3	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	44	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	

ADDITIVES Calcium 1815 ppm Magnesium 570 ppm Zinc ppm 1265 Phosphorus **1096** ppm Barium **||** <1 ppm 30 Boron ppm

 Depot:
 PINNEWCA

 Unique No:
 10804399

 Signed:
 Wes Davis

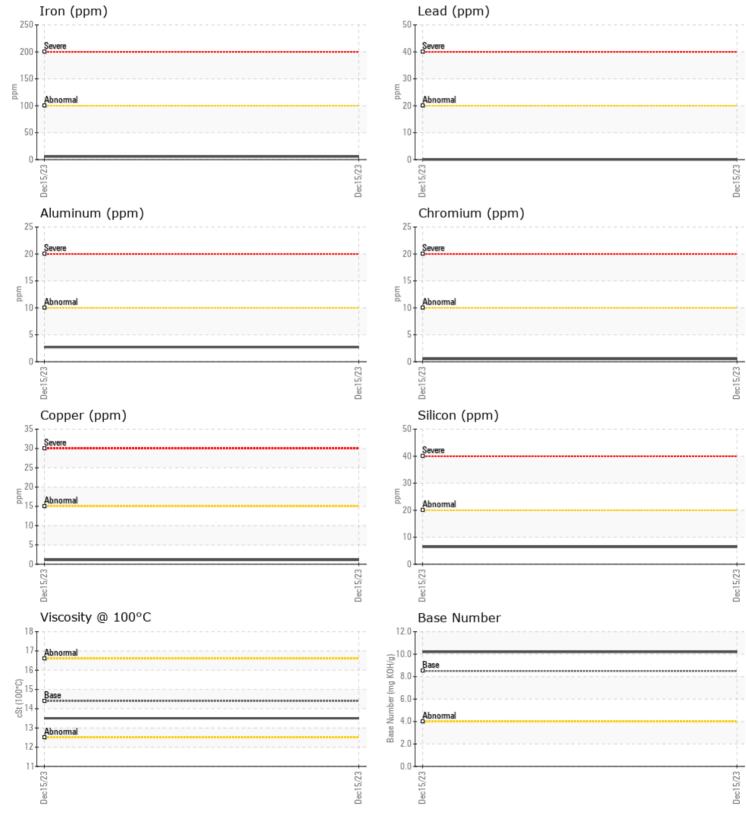
 Report Date:
 27 Dec 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: PINNEWCA [WUSCAR] 06043791 (Generated: 12/27/2023 12:22:32) Rev: 1

Contact/Location: Service Manager - PINNEWCA