OIL ANALYSIS REPORT

B BIEBEL ALAN VOLVO PENTA A 195795 - PORT DIESEL ENGINE

Sample No: VPA059427

Oil Type: VALVOLINE 15W40

SAMPLE INFORMATION Sample Number VPA059427 19 Oct 2023 Sample Date Machine Hours 1026 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.1 Base Number (BN) mg KOH/g 8.5 Oxidation (PA) % 67 CONTAMINATION Soot % % 0.2 % Nitration (PA) 61 Sulfation (PA) % 55 % NEG Glycol Fuel % <1.0 Silicon ppm 4 Sodium 4 ppm Potassium ppm 2 WEAR METALS 21

Iron	ppm	21	 	
Copper	ppm	2	 	
Lead	ppm	□ <1	 	
Tin	ppm	0	 	
Aluminum	ppm	7	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	36	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Mangaporo		— .1		
Manganese	ppm	 <1	 	

ADDITIVES

Calcium	ppm	1363	 	
Magnesium	ppm	714	 	
Zinc	ppm	1013	 	
Phosphorus	ppm	803	 	
Barium	ppm	0	 	
Boron	ppm	64	 	

Precision Marine Center Llc

290 Drake Ave NEW ROCHELLE, NY US 10805 Contact: Marc Castellano marc@precisionmarinecenter.com 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.

 Depot:
 VP850387

 Unique No:
 10710530

 Signed:
 Don Baldridge

 Report Date:
 26 Oct 2023

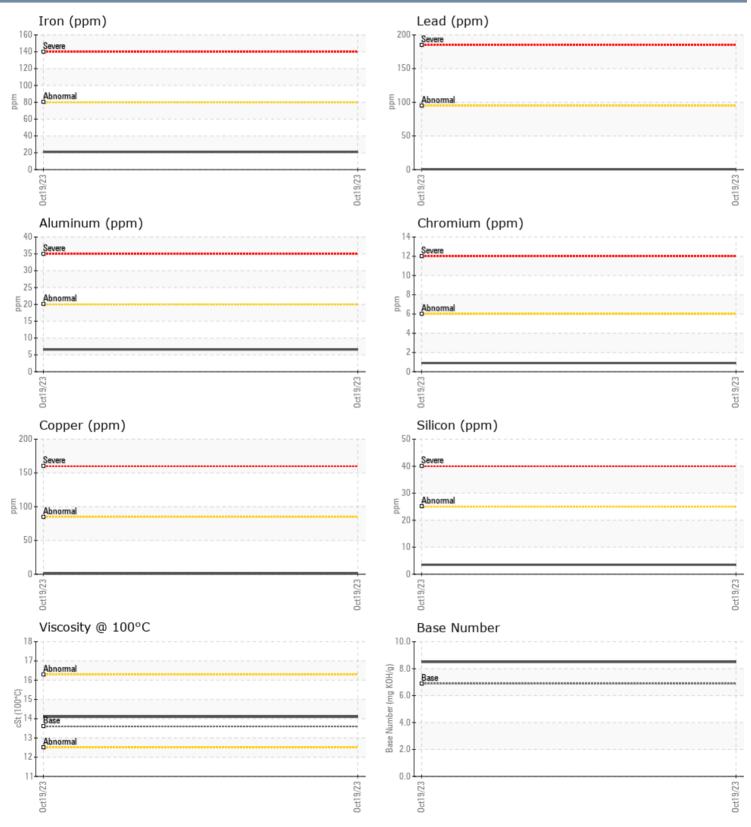
Contact/Location: Marc Castellano - VP850387



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GRAPHS



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