



NADINE URCIUOLI BEAU LAYNE VOLVO PENTA 2004029199 - STARBOARD DIESEL ENGINE

Sample No: VPA053193

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

SAMPLE INFORMAT	TION			
Sample Number		VPA053193	 	
Sample Date			 	
Machine Hours		13 May 2024 1081	 	
Oil Hours		1081	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
Sample Status		NORWAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.29	 	
Base Number (BN)	mg KOH/g	■9.0	 	
Oxidation (PA)	%	52	 	
CONTAMINATION				
	0.4			
Water	%	NEG	 	
Soot %	%	■0.1	 	
Nitration (PA)	%	47	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon Sodium	ppm	4	 	
Potassium	ppm	2	 	
POLASSIUITI	ppm	1	 	
WEAR METALS				
Iron	ppm	6	 	
Copper	ppm	1	 	
Lead	ppm	0	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	6	 	
Chromium	ppm	■ <1	 	
Molybdenum	ppm	42	 	
Nickel	ppm	■ 0	 	
Titanium	ppm	■ 0	 	
Silver	ppm	■ 0	 	
Manganese	ppm		 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1122	 	
Magnesium	ppm	■848	 	
Zinc	ppm	■1043	 	
Phosphorus	ppm	■938	 	
Barium	ppm	■<1	 	
Boron	ppm	■37	 	

Helmuts Marine Service

619 Canal Street
SAN RAFAEL, CA
US 94901-3545
Contact: NADINE URCIUOLI
SERVICE@HELMUTSMARINE.COM

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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:VP152741Unique No:11030631Signed:Doug BogartReport Date:14 May 2024

Contact/Location: NADINE URCIUOLI - VP152741

OIL ANALYSIS REPORT



