



## JAMES PECK 7984 VOLVO PENTA A 1069911 - PORT DIESEL ENGINE

Sample No: VPA029640

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

SAMPLE INFORMAT	TION			
Sample Number		VPA029640	 	
Sample Date		25 May 2023	 	
Machine Hours		482	 	
Oil Hours		200	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
Sample Status		NORWAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	<b>13.5</b>	 	
Base Number (BN)	mg KOH/g	■ 9.9	 	
Oxidation (PA)	%	59	 	
CONTAMINATION				
LUNIAMINATION				
Water	%	NEG	 	
Soot %	%	■ 0.5	 	
Nitration (PA)	%	55	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>5</b>	 	
Sodium	ppm	<b>1</b>	 	
Potassium	ppm	<b>0</b>	 	
WEAR METALS				
Iron	ppm	<b>2</b> 3	 	
Copper	ppm	<b>8</b>	 	
Lead		<b>1</b>	 	
Tin	ppm	0	 	
Aluminum		<b>■</b> 5	 	
Chromium	ppm	<b>0</b>	 	
Molybdenum	ppm	<b>■</b> 59	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	<b>0</b>	 	
Silver	ppm	<b>0</b>	 	
Manganese	ppm	■0	 	
Vanadium	ppm	0	 	
	PPIII	•		
ADDITIVES				
Calcium	ppm	<b>1163</b>	 	
Magnesium	ppm	<b>973</b>	 	
Zinc	ppm	<b>1262</b>	 	
Phosphorus	ppm	<b>■</b> 1034	 	
Barium	ppm	<b>■</b> 0	 	
Boron	ppm	<b>6</b>	 	

## Johnson & Towers, Inc

2021 Briggs Road MT.LAUREL, NJ US 08054 Contact: Paul Prior pprior@johnsontowers.com T:

## Diagnosis

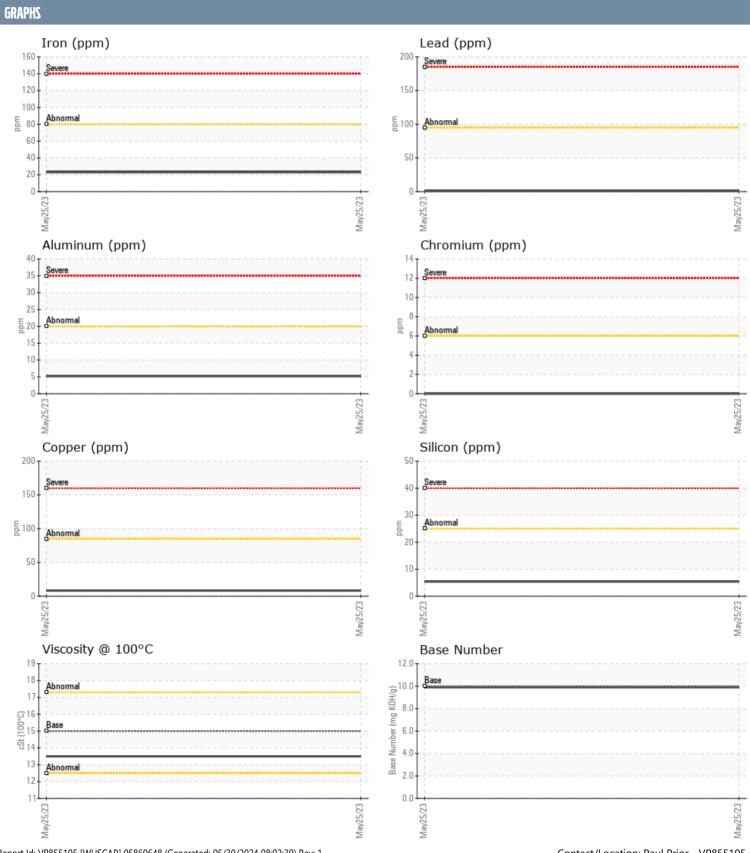
Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot:VP855105Unique No:10495113Signed:Don BaldridgeReport Date:01 Jun 2023

Contact/Location: Paul Prior - VP855105

## **OIL ANALYSIS REPORT**





Report Id: VP855105 [WUSCAR] 05860648 (Generated: 05/30/2024 08:02:39) Rev: 1

Contact/Location: Paul Prior - VP855105