## **OIL ANALYSIS REPORT**

### LEO POCIUS VOLVO PENTA A 180083 - CENTER DIESEL ENGINE

Sample No: VPA059812

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

Sample Number		VPA059812	 	
Sample Date		24 Oct 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
	-C+	=142		
Visc @ 100°C	cSt	14.3	 	
Base Number (BN)	mg KOH/g	8.4	 	
Oxidation (PA)	%	67	 	
CONTAMINATION				
Soot %	%	0.5	 	
Nitration (PA)	%	63	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	<b>4</b>	 	
Sodium	ppm	3	 	
Potassium	ppm	3	 	
WEAR METALS				
Iron	ppm	23	 	
Copper	ppm	7	 	
Lead	ppm	0	 	
Tin	ppm	<b></b> <1	 	
Aluminum	ppm	<b>1</b>	 	
Chromium	ppm	<b>  </b> <1	 	
Molybdenum	ppm	<b>15</b>	 	
Nickel	ppm	2	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
	ppm	_ _ <1	 	
Manganese		0	 	
Manganese Vanadium	ppm			
Vanadium	ppm			
Vanadium ADDITIVES		1892	 	
Vanadium ADDITIVES Calcium	ppm	<b>1892</b>		
Vanadium ADDITIVES Calcium Magnesium	ppm ppm	281	 	
Vanadium ADDITIVES Calcium Magnesium Zinc	ppm ppm ppm	281 1244	 	
Vanadium ADDITIVES Calcium Magnesium	ppm ppm	281	 	



BAY MARINE

3 E MADISON ST WAUKEGAN, IL US 60085 Contact: BRENDAN COWHEY brendan@baymarine.net T: (847)336-2628 E-

#### 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 acceptable for the time in service.

 Depot:
 VP1174336

 Unique No:
 10711561

 Signed:
 Sean Felton

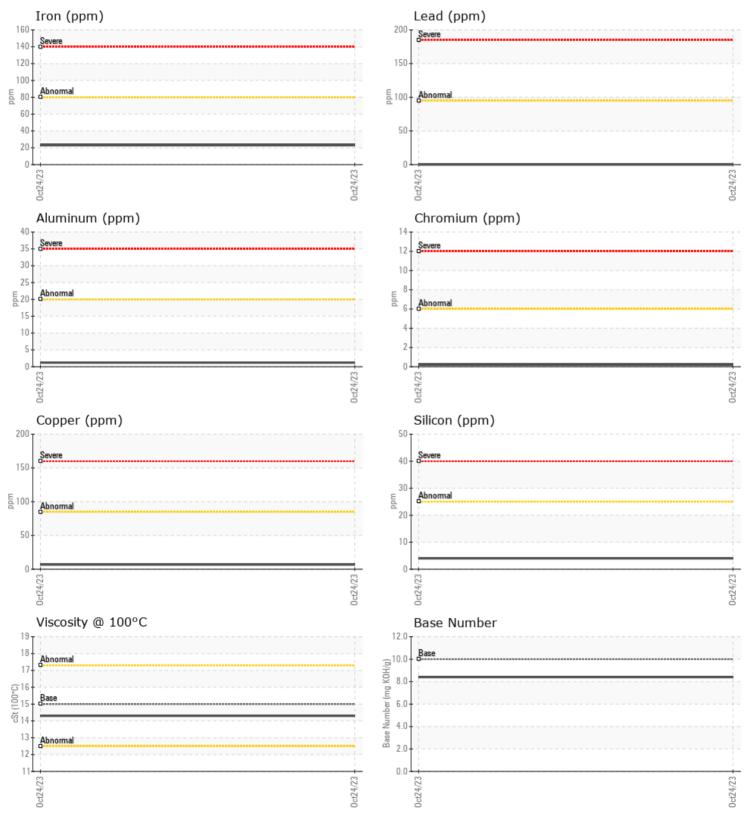
 Report Date:
 27 Oct 2023

Contact/Location: BRENDAN COWHEY - VP1174336

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP1174336 [WUSCAR] 05988899 (Generated: 10/27/2023 10:39:38) Rev: 1

Contact/Location: BRENDAN COWHEY - VP1174336