OIL ANALYSIS REPORT

LEO POCIUS VOLVO PENTA A206967 - STARBOARD DIESEL ENGINE

Sample No: VPA059808

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

Sample Number		VPA059808	 	
Sample Date		24 Oct 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.5	 	
Base Number (BN)	mg KOH/g	8.5	 	
Oxidation (PA)	%	71	 	
CONTAMINATION				
Soot %	%	0.4	 	
Nitration (PA)	%	70	 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	3	 	
Potassium	ppm	3	 	
WEAR METALS				
Iron	ppm	5	 	
Copper	ppm	7	 	
Lead	ppm	0	 	
Tin	ppm	 <1	 	
Aluminum	ppm	1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	1 9	 	
Nickel	ppm	■ <1	 	
	ppm	0	 	
Titanium	ppin			
Titanium Silver	ppm	0	 	
Titanium		 <1	 	
Titanium Silver	ppm			
Titanium Silver Manganese	ppm ppm	 <1	 	
Titanium Silver Manganese Vanadium ADDITIVES Calcium	ppm ppm ppm ppm	 <1 0 1791 	 	
Titanium Silver Manganese Vanadium ADDITIVES Calcium Magnesium	ppm ppm ppm	<pre><1 0 1791 349</pre>	 	
Titanium Silver Manganese Vanadium ADDITIVES Calcium Magnesium Zinc	ppm ppm ppm ppm	 <1 0 1791 	 	
Titanium Silver Manganese Vanadium ADDITIVES Calcium Magnesium Zinc Phosphorus	ppm ppm ppm ppm ppm	<pre><1 0 1791 349</pre>	 	
Titanium Silver Manganese Vanadium ADDITIVES Calcium Magnesium Zinc	ppm ppm ppm ppm ppm ppm	<pre><1 0 1791 349 1228</pre>	 	

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

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:
 10711563

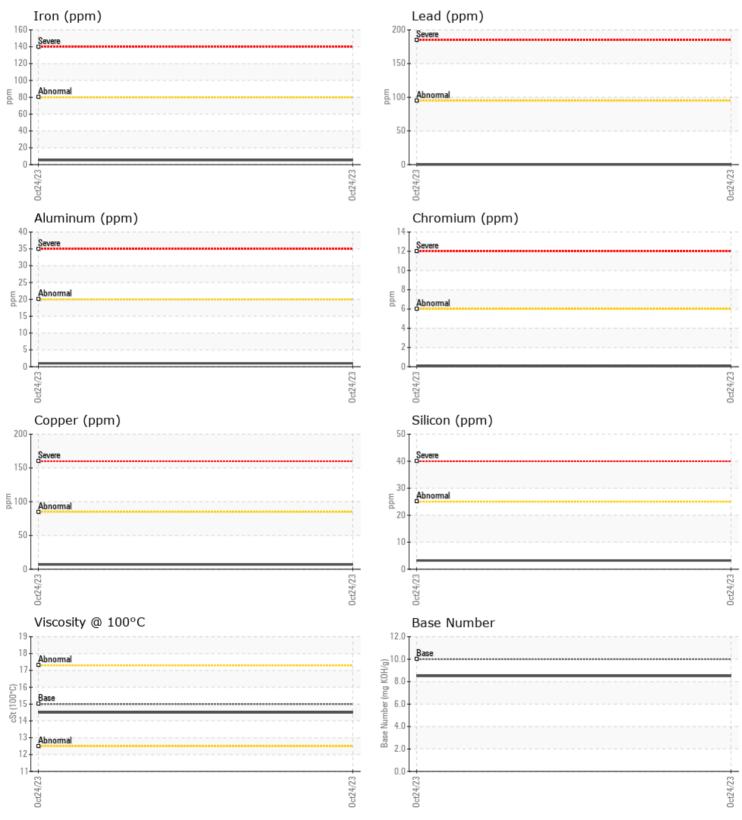
 Signed:
 Sean Felton

 Report Date:
 27 Oct 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1174336 [WUSCAR] 05988901 (Generated: 10/27/2023 10:39:45) Rev: 1

Contact/Location: BRENDAN COWHEY - VP1174336