



ERIC SWANSON 44589 VOLVO PENTA A 1082824 - PORT DIESEL ENGINE

Sample No: VPA036161

Oil Type: VOLVO PENTA SAE 15W40

Base Number (BN) mg KOH/g					
Sample Date 19 Mar 2024 04 Apr 2023	SAMPLE INFORMAT	TION			
Sample Date 19 Mar 2024 04 Apr 2023	Sample Number		VPA036161	VPA048121	
Machine Hours	•				
160	•				
Changed Chan					
NORMAL N					
Dil CONDITION DIL CONDITIO	_		_		
Visc @ 100°C					
Base Number (BN) mg KOH/g	OIL CONDITION				
CONTAMINATION	Visc @ 100°C	cSt	13.2	13.4	
Value	Base Number (BN)	mg KOH/g	■9.4	9.7	
NEG	Oxidation (PA)	%	57	59	
NEG	CONTAMINATION				
Soot % % 0.3 0.3 Nitration (PA)		%	NEG	NEG	
Nitration (PA)					
Sulfation (PA)					
Silicon Silicon Ppm 66 77 Silicon Ppm 66 77 Silicon Ppm 11 1 1	, ,				
Fuel					
Silicon ppm 6 7 Sodium ppm 1 1 0 Sodium ppm 1 1 0 0 Sodium ppm 1 0 0 0 Sodium ppm 1 0 0 0 Sodium ppm 1 1 1 0 0 Sodium ppm 1 0 0 0 Sodium ppm 1 1 1 0 0 Sodium ppm 1 0 0 0 0 Sodium ppm 1 1 1 0 0 Sodium ppm 1 1 1 0 0 Sodium ppm 1 1 1 1 0 0 Sodium ppm 1 1 1 1 0 0 Sodium ppm 1 1 1 1 0 0 0 Sodium ppm 1 1 1 1 0 0 0 Sodium ppm 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
Sodium					
Near METALS Near METALS					
Tron	Potassium		_		
Tron	WEAD METALS				
Copper ppm 8 114 <td></td> <td></td> <td></td> <td></td> <td></td>					
Lead	Iron	ppm	_		
Tin ppm	Copper	ppm			
Aluminum ppm 2 5	Lead				
Chromium ppm -1 1 Molybdenum ppm 64 58 Nickel ppm 2 3 Titanium ppm <1			_		
Molybdenum ppm 64 58 Nickel ppm 2 3 Titanium ppm <1					
Nickel ppm 2 3 Titanium ppm <1					
Titanium ppm	-				
Silver ppm 0 Manganese ppm <1 1 Vanadium ppm 0 0 ADDITIVES Calcium ppm 1128 1129 Magnesium ppm 971 907 Zinc ppm 1261 1241 Phosphorus ppm 1090 998 Barium ppm 0 0					
Manganese ppm I II III IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII					
Vanadium ppm 0 0 ADDITIVES Calcium ppm 1128 1129 Magnesium ppm 971 907 Zinc ppm 1261 1241 Phosphorus ppm 1090 998 Barium ppm 0 0					
ADDITIVES Calcium ppm 1128 1129 Magnesium ppm 971 907 Zinc ppm 1261 1241 Phosphorus ppm 1090 998 Barium ppm 0 0 0					
Calcium ppm 1128 1129 Magnesium ppm 971 907 Zinc ppm 1261 1241 Phosphorus ppm 1090 998 Barium ppm 0 0	Vanadium	ppm	0	0	
Magnesium ppm 971 907 Zinc ppm 1261 1241 Phosphorus ppm 1090 998 Barium ppm 0 0	ADDITIODA				
Magnesium ppm 971 907 Zinc ppm 1261 1241 Phosphorus ppm 1090 998 Barium ppm 0 0	Calcium	ppm	1128	1 129	
Zinc ppm 1261 1241 Phosphorus ppm 1090 998 Barium ppm 0 0	Magnesium				
Phosphorus ppm ■ 1090 ■ 998 Barium ppm ■ 0 ■ 0	Zinc				
Barium ppm □0 □0	Phosphorus				
	Barium				
	Boron	ppm	2	2	

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD CHARLESTON, SC US 29403 Contact: STEVE VASAS steve@ccyachtsales.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 acceptable for the time in service.

Depot:VP568144Unique No:10940235Signed:Don BaldridgeReport Date:25 Mar 2024

OIL ANALYSIS REPORT



