OIL ANALYSIS REPORT

VESPER LYND VOLVO PENTA 20132109293 - STARBOARD DIESEL ENGINE

Sample No: VPA028084

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

Sample Number		VPA028084	 	
Sample Date		15 Jul 2023	 	
Machine Hours		750	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.5	 	
Base Number (BN)		7.2	 	
Oxidation (PA)	%	60	 	
CONTAMINATION				
CONTAMINATION				
Soot %	%	0.6	 	
Nitration (PA)	%	67	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	8	 	
Sodium	ppm	2	 	
Potassium	ppm	4	 	

WEAR METALS

Iron	ppm	1 0	 	
Copper	ppm	1	 	
Lead	ppm	■<1	 	
Tin	ppm		 	
Aluminum	ppm	■ <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	58	 	
Nickel	ppm	0	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	<1	 	

ADDITIVES

Calcium	ppm	1405	 	
Magnesium	ppm	970	 	
Zinc	ppm	1377	 	
Phosphorus	ppm	1081	 	
Barium	ppm	0	 	
Boron	ppm	9	 	

Stamford Boats & Motors

82 Myrtle Ave. STAMFORD, CT US 06902 Contact: DAN CLEGG danclegg@live.com T: (954)288-3500 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 suitable for further service.

 Depot:
 VP155361

 Unique No:
 10576298

 Signed:
 Doug Bogart

 Report Date:
 30 Jul 2023

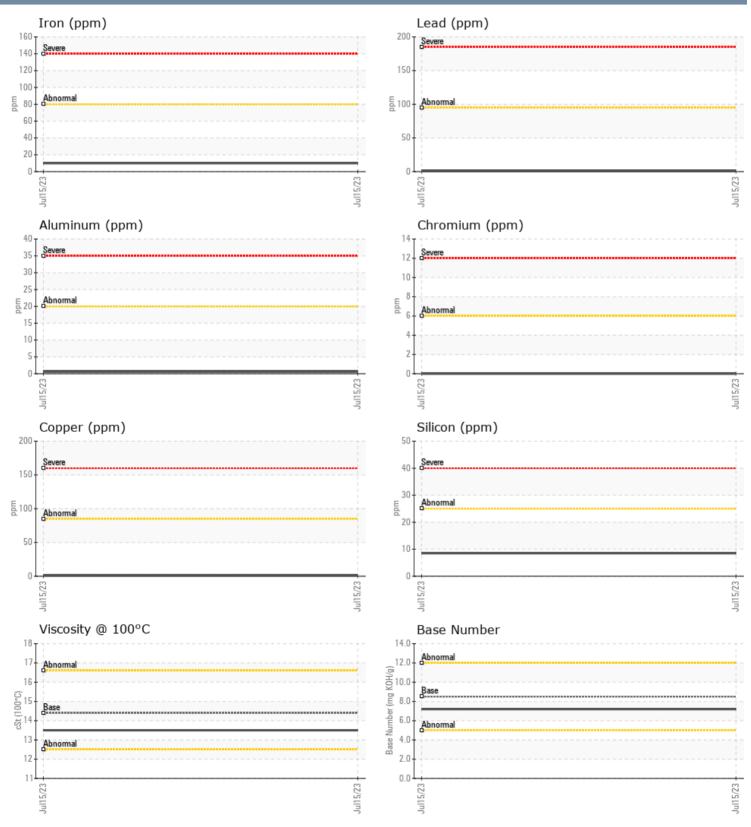
Contact/Location: DAN CLEGG - VP155361



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GRAPHS



Report Id: VP155361 [WUSCAR] 05909646 (Generated: 07/30/2023 21:25:00) Rev: 1

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