OIL ANALYSIS REPORT

TEPPER NICK/23124 VOLVO PENTA 2006041545 - STARBOARD DIESEL ENGINE

Sample No: VPA055111

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

SAMPLE INFURMA	IIUN			
Sample Number		VPA055111		
Sample Date		12 Dec 2023		
Machine Hours		0		
Oil Hours		0		
Oil Changed		Changed		
Sample Status		NORMAL		
			_	
OIL CONDITION				
Visc @ 100°C	cSt	14.3		
Base Number (BN)	mg KOH/g	8.1		
Oxidation (PA)	%	66		
CONTAMINATION				
Water	%	NEG		
Soot %	%	0.3		
Nitration (PA)	%	58		
Sulfation (PA)	%	56		
. ,	%	NEG		
Glycol		<1.0		
Fuel	%			
Silicon	ppm	8		
Sodium	ppm	1		
Potassium	ppm	7		
WEAR METALS				
Iron	ppm	64		
Copper	ppm	6		
Lead	ppm	2		
Tin	ppm	∎1		
Aluminum	ppm	1 0		
Chromium	ppm	2		
Molybdenum	ppm	6		
Nickel	ppm	1		
Titanium	ppm	0		
Silver	ppm	0		
Manganese	ppm	□ <1		
Vanadium	ppm	<1		
	Phil			
ADDITIVES				
Calcium	ppm	2006		
Magnesium	ppm	123		
Zinc	ppm	1179		
Phosphorus	ppm	995		
Barium	ppm	0		
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Seven Seas Yacht Services LLC 1804 CRAB ALLEY DR CHESTER, MD US 21619 Contact: Stephanie Wright stephanie@sevenseasys.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:
 VP601781

 Unique No:
 10794169

 Signed:
 Sean Felton

 Report Date:
 20 Dec 2023

163

ppm

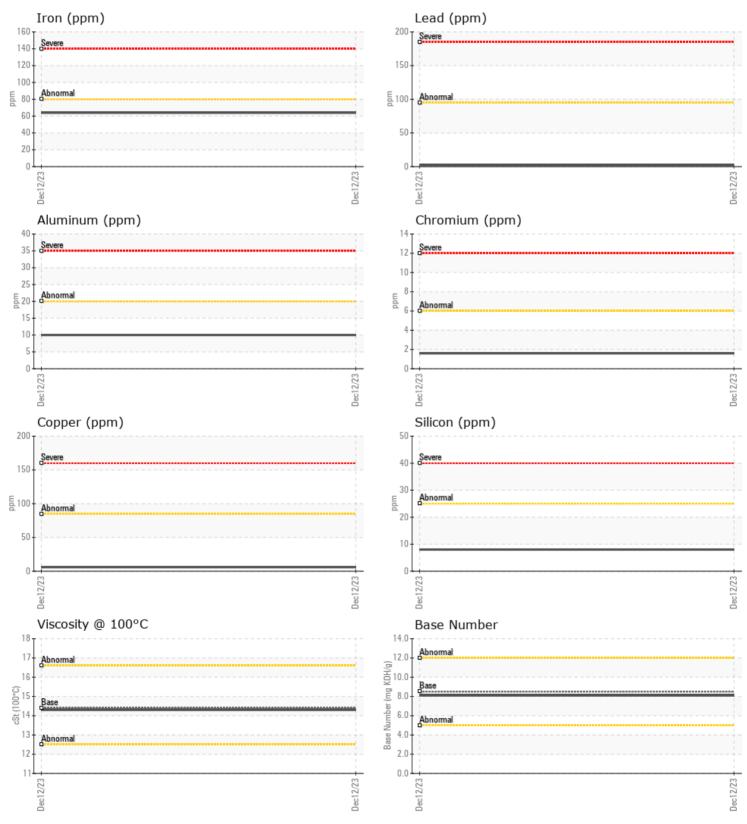
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Contact/Location: Stephanie Wright - VP601781

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP601781 [WUSCAR] 06038940 (Generated: 12/28/2023 08:48:40) Rev: 1

Contact/Location: Stephanie Wright - VP601781