OIL ANALYSIS REPORT

VOLVO PENTA A 1 1 35960 - STARBOARD DIESEL ENGINE

Sample No:VPA050819Oil Type:NOT GIVEN

SAMPLE INFORMATION

JANII LL INI VINIA I				
Sample Number		VPA050819	 	
Sample Date		13 Dec 2023	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.0	 	
Base Number (BN)	mg KOH/g	8.80	 	
Oxidation (PA)	%	61	 	
	70	•	 	
CONTAMINATION				
	0/	NEC		
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	43	 	
Sulfation (PA)	%	55	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	■ <1	 	
Potassium	ppm	7	 	
WEAR METALS				
Iron	ppm	2	 	
Copper	ppm	□ <1	 	
Lead	ppm	■<1	 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	■<1	 	
Molybdenum	ppm	1 2	 	
Nickel	ppm	□ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	nnm	1882	 	
Magnesium	ppm ppm	69	 	
Zinc		1183	 	
Phosphorus	ppm	970		
Barium	ppm	0	 	
	ppm			
Boron	ppm	161	 	

Monmouth Marine Engines Inc 536 UNION LN BRIELLE, NJ US 08730-1421 Contact: Kenneth Mika monmouthmarine@gmail.com T: x:

Diagnosis

F: x:

No corrective action is recommended at this time. 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:
 VP153457

 Unique No:
 10789520

 Signed:
 Doug Bogart

 Report Date:
 15 Dec 2023

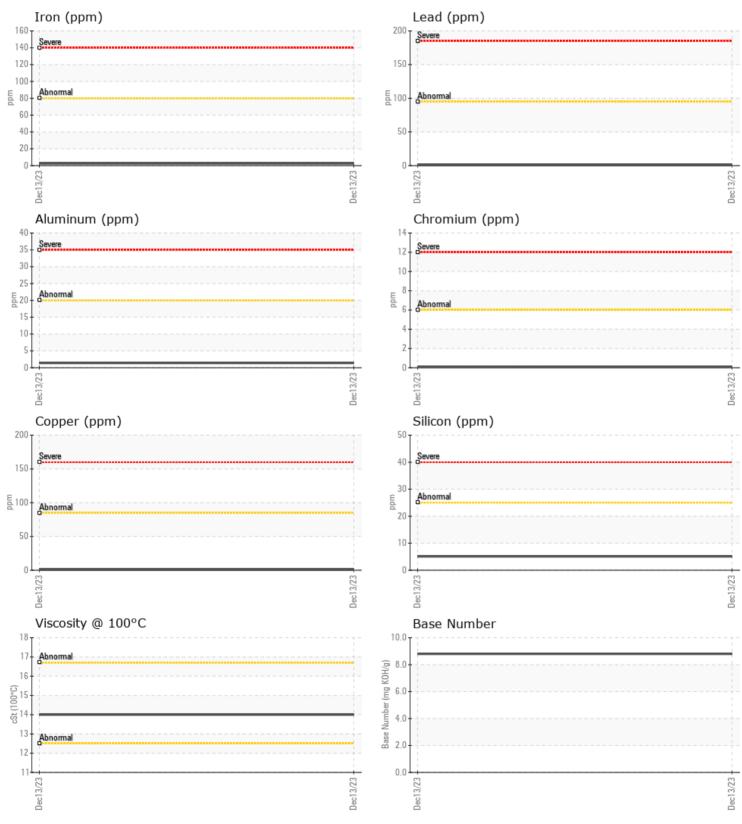


Contact/Location: Kenneth Mika - VP153457

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GRAPHS



Report Id: VP153457 [WUSCAR] 06034291 (Generated: 12/15/2023 13:45:15) Rev: 1

Contact/Location: Kenneth Mika - VP153457