OIL ANALYSIS REPORT

MONTAGUE VOLVO PENTA A 1066756 - STARBOARD DIESEL ENGINE

Sample No:VPA055398Oil Type:NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA055398	 	
Sample Date		03 Nov 2023	 	
Machine Hours		315	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.03	 	
Base Number (BN)	mg KOH/g	8.3	 	
Oxidation (PA)	%	62	 	
Oxidation (PA)	70	02	 	
CONTAMINATION				
Soot %	%	0.4	 	
Nitration (PA)	%	53	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	7	 	
Sodium	ppm	0	 	
Potassium	ppm	8	 	
WEAR METALS				

Iron 12 ppm 9 Copper ppm Lead ppm 3 Tin ■ <1 ppm Aluminum 2 ppm Chromium ppm **|** <1 Molybdenum 8 ppm Nickel 1 ppm Titanium **||** <1 ppm Silver ppm 0 Manganese <1 ppm

ADDITIVES

ppm

Vanadium

Calcium	ppm	2042	 	
Magnesium	ppm	104	 	
Zinc	ppm	1123	 	
Phosphorus	ppm	1017	 	
Barium	ppm	5	 	
Boron	ppm	169	 	

MAKO MARINE

117 HUDSON AVE FREEPORT, NY US 11520 Contact: PAUL FLOOD makomarine@optonline.net T: (516)378-7331 F: x:

Diagnosis

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 condition of the oil is acceptable for the time in service.

 Depot:
 VP1134331

 Unique No:
 10729243

 Signed:
 Doug Bogart

 Report Date:
 07 Nov 2023

0

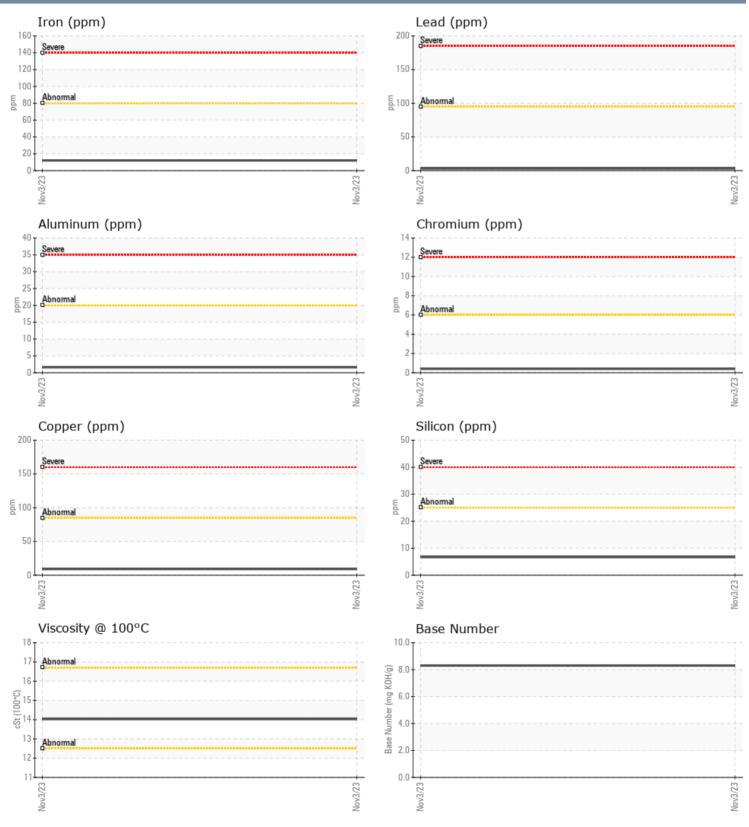
Contact/Location: PAUL FLOOD - VP1134331



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1134331 [WUSCAR] 06000883 (Generated: 11/07/2023 16:36:08) Rev: 1

Contact/Location: PAUL FLOOD - VP1134331