OIL ANALYSIS REPORT

WOODY SHUKOVSKY YANMAR M55549 - PORT DIESEL ENGINE

Sample No: VPA050778

Oil Type: SHELL ROTELLA T 15W40

SAMPLE INFORMATION Sample Number VPA050778 27 Oct 2023 Sample Date Machine Hours 925 0 **Oil Hours** Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.1 Base Number (BN) mg KOH/g 8.1 Oxidation (PA) % 68 CONTAMINATION Soot % % 0.1 % Nitration (PA) 63 Sulfation (PA) % 57 % NEG Glycol Fuel % <1.0 Silicon ppm 8 Sodium 1 ppm Potassium ppm 6 🔲

WEAR METALS

Iron	ppm	31	 	
Copper	ppm	5	 	
Lead	ppm	 <1	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	5	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	2136	 	
Magnesium	ppm	93	 	
Zinc	ppm	1291	 	
Phosphorus	ppm	1046	 	
Barium	ppm	0	 	
Boron	ppm	153	 	

BEST MARINE

24 RIVERVIEW AVE TARRYTOWN, NY US 10591 Contact: Service Manager PETEMARINE27@OUTLOOK.COM T: (516)807-5340 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:
 VPBESTAR

 Unique No:
 10727897

 Signed:
 Don Baldridge

 Report Date:
 08 Nov 2023

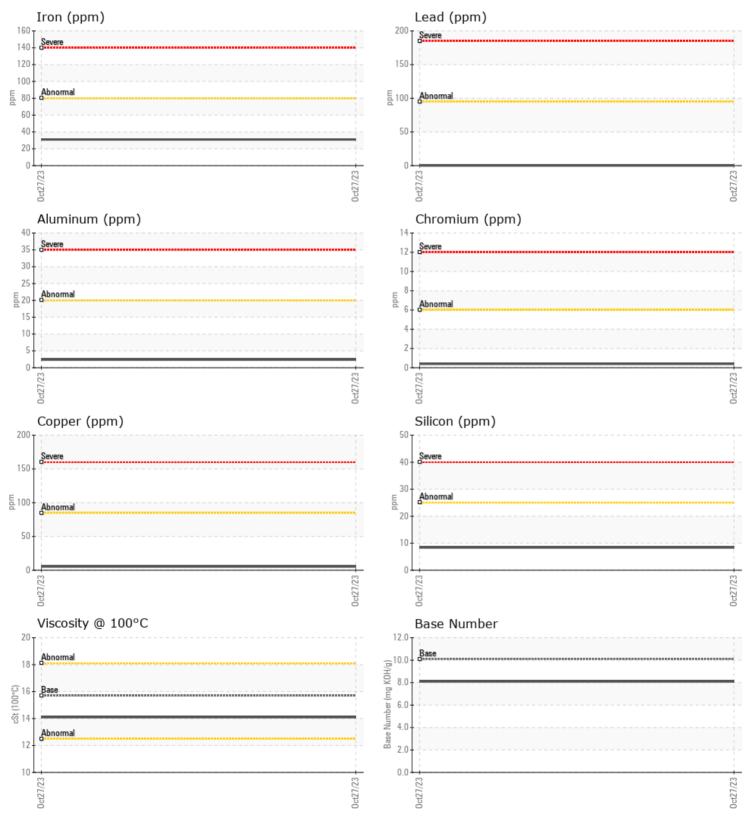
Contact/Location: Service Manager - VPBESTAR



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GRAPHS



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Contact/Location: Service Manager - VPBESTAR