OIL ANALYSIS REPORT

MARINE MAX VOLVO PENTA A727927 - PORT DIESEL ENGINE

Sample No: VPA053456 Oil Type: {unknown}

SAMPLE INFORMATION Sample Number VPA053456 Sample Date 18 Apr 2024 Machine Hours 445 **Oil Hours** 0 Oil Changed Not Changd NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.69 Base Number (BN) mg KOH/g 8.5 Oxidation (PA) % 64 CONTAMINATION % NEG Water % Soot % 0 Nitration (PA) % 41 % Sulfation (PA) 55 Glycol % NEG Fuel % <1.0 Silicon 5 ppm Sodium ppm **||** <1 Potassium 6 🔲 ppm WEAR METALS Iron 1 ppm **||** <1 Copper ppm Lead ■ <1 ppm Tin 0 ppm Aluminum **||** <1 ppm Chromium 0 ppm Molybdenum ■<1 ppm

ADDITIVES				
Vanadium	ppm	<1	 	
Manganese	ppm	0	 	
Silver	ppm	0	 	
Titanium	ppm	 <1	 	
Nickel	ppm	0	 	

Calcium	ppm	2259	 	
Magnesium	ppm	24	 	
Zinc	ppm	1162	 	
Phosphorus	ppm	909	 	
Barium	ppm	0	 	
Boron	ppm	194	 	



21568 HIGHVIEW AVE LAKEVILLE, MN US 55044 Contact: NICK BECK nicholas.beck@istate.com T: (952)854-2598 F: (952)854-1788

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VP439070

 Unique No:
 10991999

 Signed:
 Doug Bogart

 Report Date:
 22 Apr 2024

Contact/Location: NICK BECK - VP439070

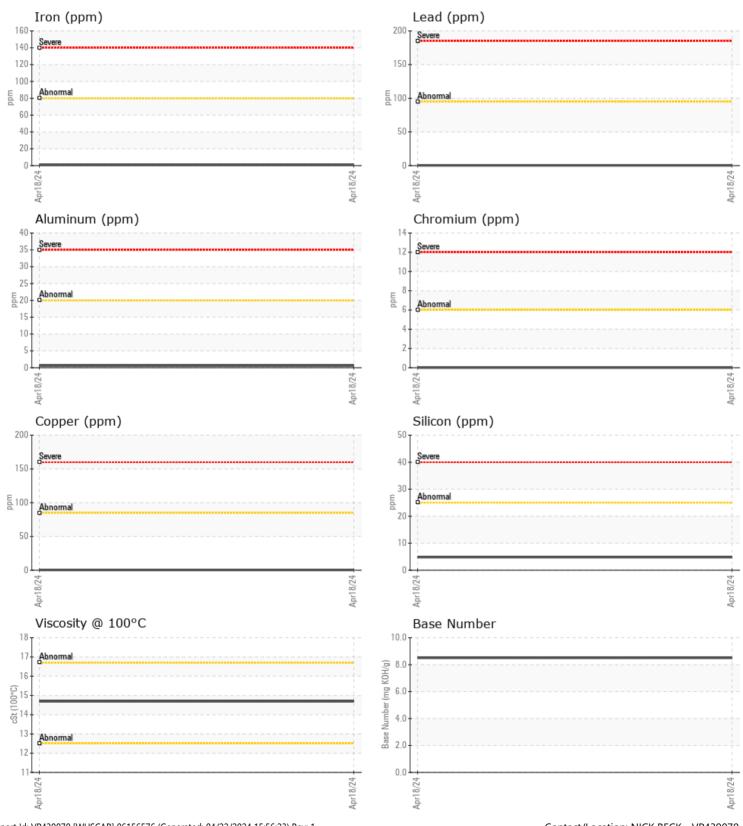
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