OIL ANALYSIS REPORT

MIKE ROSS AR M ROSS 502694 VOLVO PENTA 4012182169 - STARBOARD GASOLINE ENGINE

Sample No: VPA061972

Oil Type: VOLVO 10W40

SAMPLE INFORMATION Sample Number VPA061972 Sample Date 03 May 2024 Machine Hours 0 0 **Oil Hours** Oil Changed N/A NORMAL Sample Status **OIL CONDITION** 14.4 Visc @ 100°C cSt Base Number (BN) mg KOH/g 8.5 Oxidation (PA) % 15 CONTAMINATION % NEG Water % Soot % 0.1 Nitration (PA) % 6 % Sulfation (PA) 11 % Glycol NEG % Fuel <1.0 27 Silicon ppm Sodium ppm 49 Potassium 3 ppm WEAR METALS 88 Iron ppm 8 Copper ppm Lead 6 🔲 ppm Tin ■ <1 ppm Aluminum 5 ppm Chromium ppm 3

Molybdenum 42 ppm Nickel ppm ■ <1 Titanium ppm <1 0 Silver ppm Manganese ppm 4 Vanadium <1 ppm

ADDITIAF2				
Calcium	ppm	1687	 	
Magnesium	ppm	23	 	
Zinc	ppm	823	 	
Phosphorus	ppm	719	 	
Barium	ppm	1	 	
Boron	ppm	<1	 	

Endor Marine LLC - Coastal Marine - 152124 4300 11th Ave. NW SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

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:
 VP794951

 Unique No:
 11015828

 Signed:
 Don Baldridge

 Report Date:
 08 May 2024

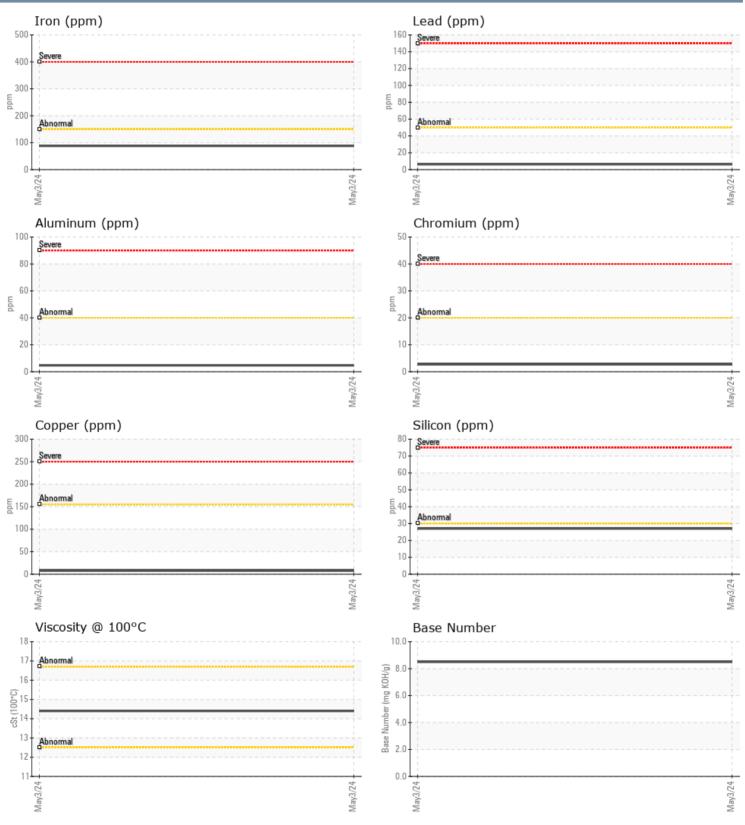
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GRAPHS



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