OIL ANALYSIS REPORT

43417673 - STARBOARD MAIN ENGINE

Sample No:	VPA027044
Oil Type:	{unknown}

SAMPLE INFORMATION Sample Number VPA027044 29 Apr 2024 Sample Date Machine Hours 1122 0 Oil Hours N/A Oil Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 14.5 Oxidation (PA) % 65 CONTAMINATION Water % 0.042 % Soot % 0 Nitration (PA) % 48 Sulfation (PA) % 57 Glycol % 0.0 % Fuel <1.0 Silicon ppm 4 Sodium ppm 2 Potassium 7 ppm

WEAR METALS

Iron	ppm	12	 	
Copper	ppm	10	 	
Lead	ppm	1	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm		 	
Titanium	ppm	□<1	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	2095	 	
Magnesium	ppm	18	 	
Zinc	ppm	1074	 	
Phosphorus	ppm	951	 	
Barium	ppm	0	 	
Boron	ppm	174	 	

BRANDY'S COVE YACHTING CENTRE

105 BRANDY'S ISLAND RD HONEY HARBOR, ON CA POE 1E0 Contact: Shayne Ronald sronald@brandyscove.com T: (705)716-3478 F:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 BRAHON

 Unique No:
 5773866

 Signed:
 Kevin Marson

 Report Date:
 03 May 2024

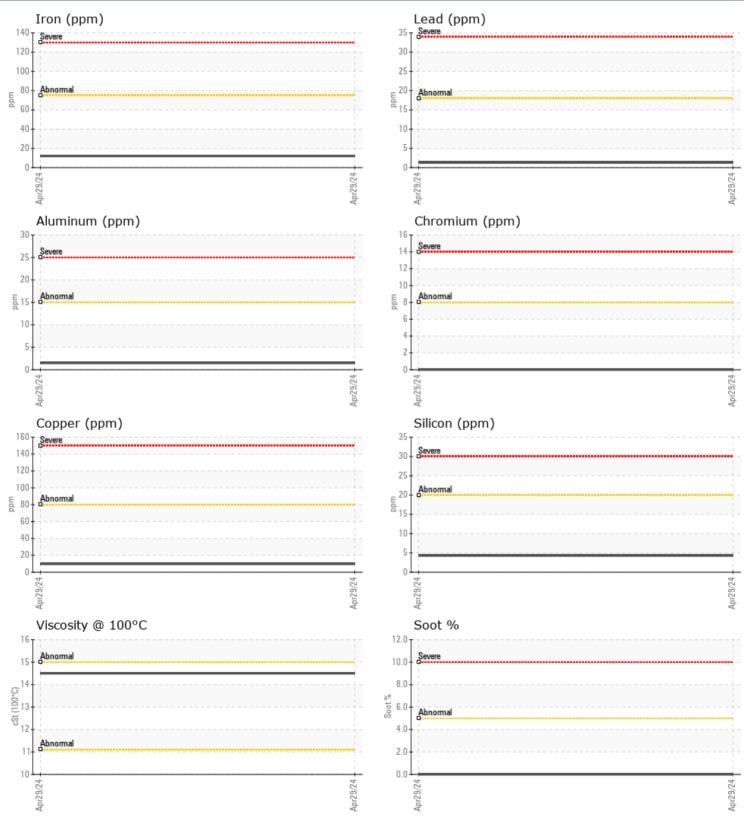
Contact/Location: Shayne Ronald - BRAHON



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GRAPHS



Report Id: BRAHON [WCAMIS] 02632713 (Generated: 05/03/2024 16:55:14) Rev: 1

Contact/Location: Shayne Ronald - BRAHON