OIL ANALYSIS REPORT

2006041580 - STARBOARD MAIN ENGINE

Sample No:	VPA062085
Oil Type:	{unknown}

SAMPLE INFORMATION Sample Number VPA062085 Sample Date 26 May 2024 Machine Hours 521 0 Oil Hours N/A Oil Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.5 Oxidation (PA) % 60 CONTAMINATION Water % NEG % Soot % 0 Nitration (PA) % 54 Sulfation (PA) % 53 Glycol % NEG % Fuel <1.0 Silicon ppm 4 Sodium ppm 1 Potassium **||** <1 ppm

WEAR METALS

Iron	ppm	7	 	
Copper	ppm	3	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	57	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	0	 	
Silver	ppm	1	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1077	 	
Magnesium	ppm	921	 	
Zinc	ppm	1153	 	
Phosphorus	ppm	995	 	
Barium	ppm	0	 	
Boron	ppm	6	 	

TORONTO YACHT SERVICES

475 UNWIN AVE TORONTO, ON CA M4M 3M2 Contact: Jon info@torontoyachtservices.com T: (416)886-9992 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. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 TOR101TOR

 Unique No:
 5788469

 Signed:
 Kevin Marson

 Report Date:
 03 Jun 2024

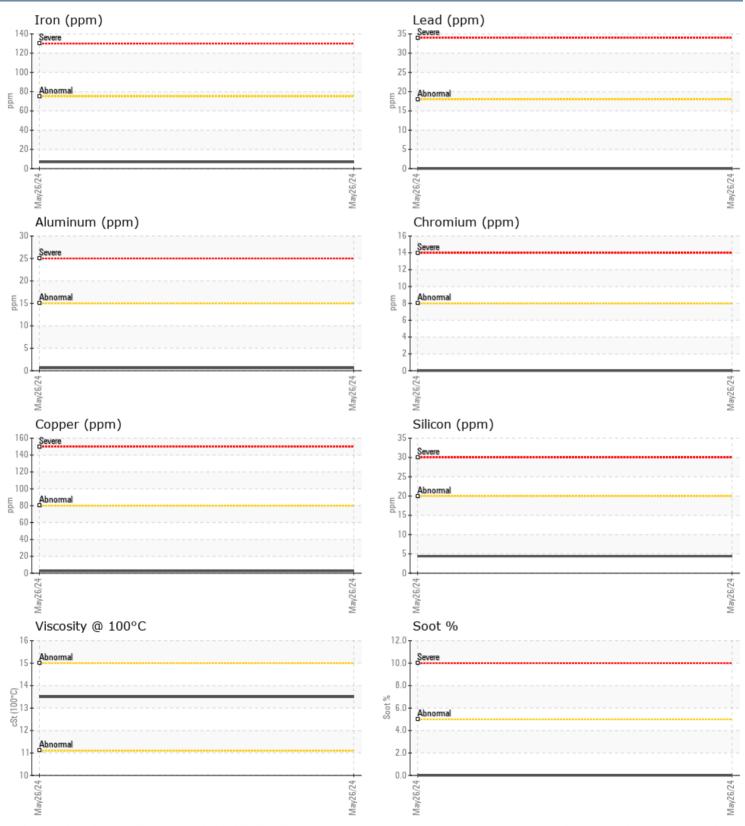
 Contact/Locations - TOR101TOR



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GRAPHS



Report Id: TOR101TOR [WCAMIS] 02639307 (Generated: 06/03/2024 19:12:16) Rev: 1

Contact/Location: Jon ? - TOR101TOR