OIL ANALYSIS REPORT

VOLVO PENTA

A334453 - STARBOARD DIESEL ENGINE

Sample No: VPA021065

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORM	ATION				
Sample Number		VPA021065			
Sample Date		20 Jul 2023			
Machine Hours		315			
Oil Hours		0			
Oil Changed		N/A			
Sample Status		NORMAL			
OIL CONDITION					
Visc @ 100°C	cSt	13.4			
Oxidation (PA)	%	56			
	70	50	_	_	
CONTAMINATION					
Soot %	%	0			
Nitration (PA)	%	41			
Sulfation (PA)	%	52			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	7			
Sodium	ppm	2			
Potassium	ppm	 <1			
WEAR METALS					
Iron	ppm	7			
Copper	ppm	3			
Lead	ppm	<1			
Tin	ppm	0			
Aluminum	ppm	∎1			
Chromium	ppm	 <1			
Molybdenum	ppm	55			
Nickel	ppm	 <1			
Titanium	ppm	0			
Silver	ppm	0			
Manganese	ppm	 <1			
Vanadium	ppm	0			
ADDITIVES					
Calcium	ppm	1144			
Magnesium	ppm	878			
Zinc	ppm	1131			
Phosphorus	ppm	1038			
Barium	ppm	0			
Boron	ppm	13			
	1.1.1				

TORONTO YACHT SERVICES

475 UNWIN AVE TORONTO, ON CA M4M 3M2 Contact: Jon info@torontoyachtservices.com T: (416)886-9992 E-

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.Metal levels are typical for a new component breaking in. 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:
 5616404

 Signed:
 Kevin Marson

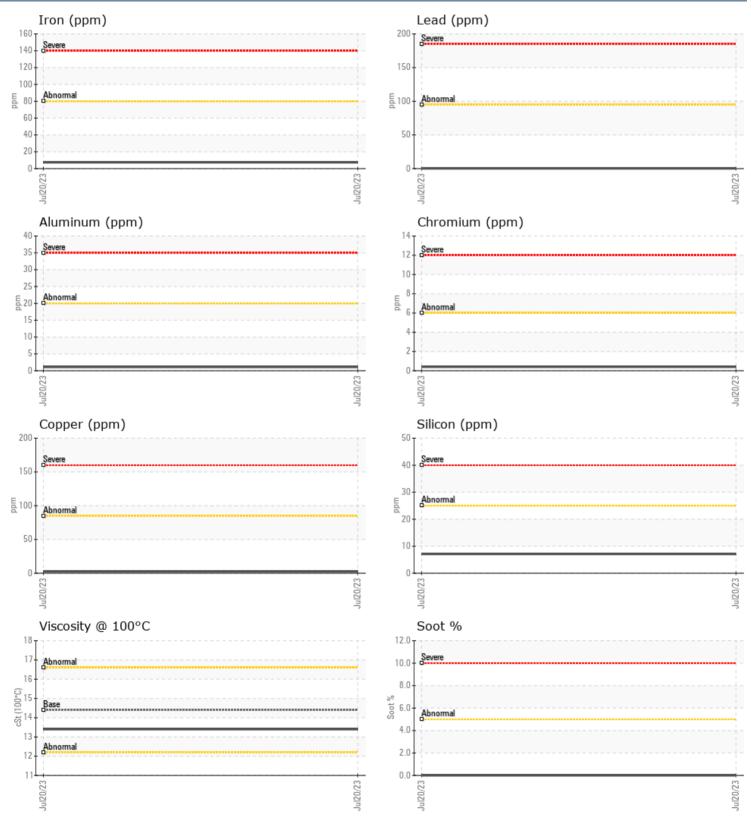
 Report Date:
 21 Jul 2023

Contact/Location: Jon ? - TOR101TOR

OIL ANALYSIS REPORT



GRAPHS



Report Id: TOR101TOR [WCAMIS] 02571353 (Generated: 07/21/2023 14:02:31) Rev: 1

Contact/Location: Jon ? - TOR101TOR