## **OIL ANALYSIS REPORT**

### JBYS 506055 VOLVO PENTA 70112055587 - STARBOARD DIESEL ENGINE

Sample No: VPA052342

Oil Type: VOLVO PENTA SAE 15W40

#### SAMPLE INFORMATION

JAMIPLE INFURMAI				
Sample Number		VPA052342	 	
Sample Date		11 Mar 2024	 	
Machine Hours		51	 	
Oil Hours		51	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	<b>11.3</b>	 	
Base Number (BN)	mg KOH/g	7.8	 	
Oxidation (PA)	%	57	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	57	 	
Sulfation (PA)	%	50	 	
Glycol	%	NEG	 	
Fuel	%	0.9	 	
Silicon	ppm	32	 	
Sodium	ppm	3	 	
Potassium	ppm	5	 	
WEAR METALS				
Iron	ppm	9	 	
Copper	ppm	<b>1</b> 3	 	
Lead	ppm	2	 	
Tin	ppm	2	 	
Aluminum	ppm	3	 	
Chromium	ppm	<b>  </b> <1	 	
Molybdenum	ppm	78	 	
Nickel	ppm	<b>  </b> <1	 	
Titanium	ppm	<b>■</b> <1	 	
Silver	ppm	0	 	
Manganese	ppm	∎1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	2078	 	
Magnesium	ppm	152	 	
Zinc	ppm	1190	 	
Phosphorus	ppm	<b>1037</b>	 	

Jefferson Beach Yacht Sales Inc

24400 Jefferson Ave. SAINT CLAIR SHORES, MI US 48080 Contact: CORT CORINO ccorino@jbys.com T: (773)641-6947 F:

#### Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. 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:
 VP297371

 Unique No:
 10940234

 Signed:
 Sean Felton

 Report Date:
 26 Mar 2024

ppm

ppm

0 🔲

86

Barium

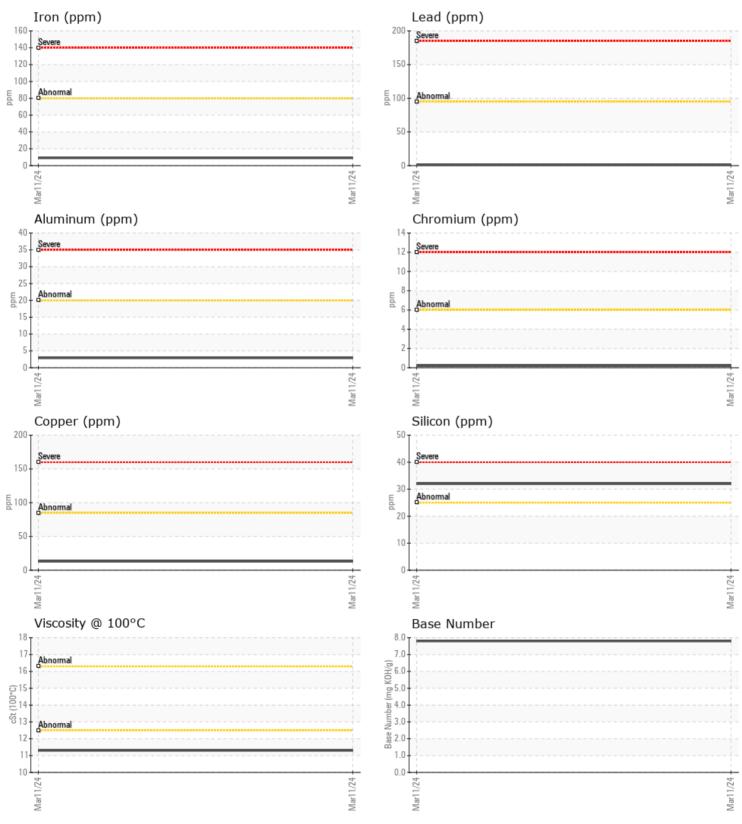
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Contact/Location: CORT CORINO - VP297371

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP297371 [WUSCAR] 06126083 (Generated: 03/26/2024 10:28:43) Rev: 1

Contact/Location: CORT CORINO - VP297371