# **OIL ANALYSIS REPORT**

## VOLVO PENTA

### ARNOLD ONAN G150846037 - GENSET

Sample No: VPA062944

Oil Type: DIESEL ENGINE OIL SAE 15W40

Sample Number		VPA062944	 	
Sample Date		06 May 2024	 	
Machine Hours		539	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.13	 	
Base Number (BN)	mg KOH/g	9.8	 	
Oxidation (PA)	%	54	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	38	 	
Sulfation (PA)	%	49	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	<b>1</b>	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	2	 	
Copper	ppm	■<1	 	
Lead	ppm	2	 	
Tin	ppm	2	 	
Aluminum	ppm	<b>1</b>	 	
Chromium	ppm		 	
Molybdenum	ppm	54	 	
Nickel	ppm		 	
Titanium	ppm	<b></b> <1	 	
Silver	ppm	<1	 	
Manganese	ppm	<b>□</b> <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1139	 	
Magnesium	ppm	<b>1050</b>	 	
Zinc	ppm	<b>1356</b>	 	
Phosphorus	ppm	1153	 	
Barium	ppm	0	 	
barrann		<b>4</b>		

#### SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6 SARASOTA, FL US 34240 Contact: JOSHUA joshua@suncoastdmi.com T: (941)342-0033 F: (941)342-0088

### Diagnosis

No corrective action is recommended at this time. 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:
 VP705283

 Unique No:
 11017968

 Signed:
 Doug Bogart

 Report Date:
 07 May 2024

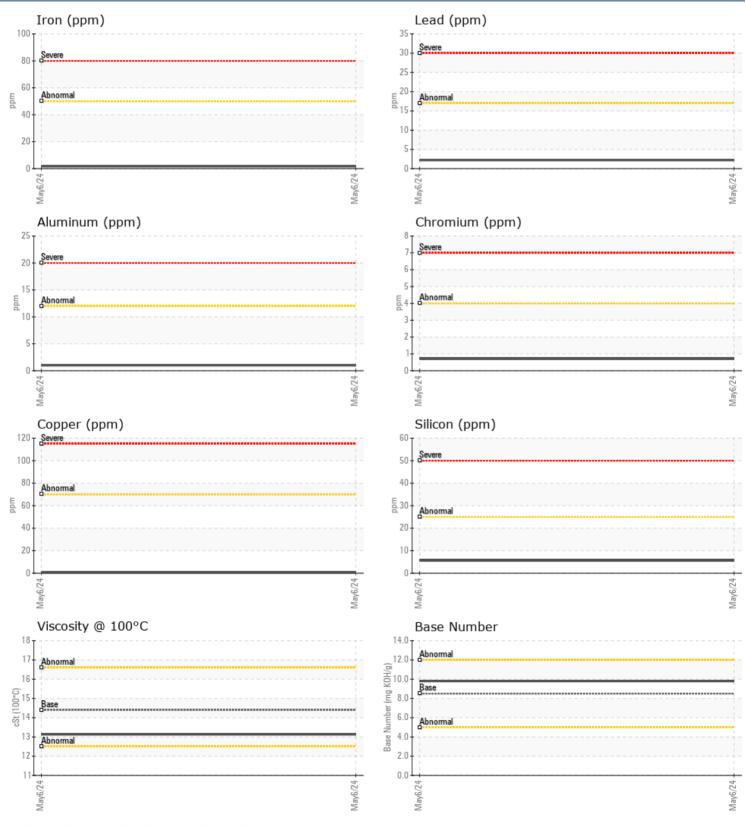
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Contact/Location: JOSHUA ? - VP705283

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP705283 [WUSCAR] 06171915 (Generated: 05/07/2024 16:54:11) Rev: 1

Contact/Location: JOSHUA ? - VP705283