## **OIL ANALYSIS REPORT**

### PHIL HOLT PATRICK/502085-8250 VOLVO PENTA 3020288056 - STERNDRIVE - PORT GEARBOX

Sample No: VPA056427

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORM						
Sample Number		VPA056427				Endor Marine LLC - Coastal Marine - 152124
Sample Date		20 Jul 2023				4300 11th Ave. NW
Machine Hours		5253				SEATTLE, WA
Oil Hours		0				US 98107
Oil Changed		Changed				Contact: WILLOW YANARELLA
Sample Status		SEVERE				
OIL CONDITION						service@coastalmarineengine.com T: (206)784-3703
Visc @ 40°C	cSt	<b>110</b>				F: (206)784-8823
CONTAMINATION	N					Diagnosis
						We advise that you check for the
Water	%	• 1.31				source of water entry. The oil change
Silicon	ppm	6				at the time of sampling has been
Sodium	ppm	<b>121</b>				noted. We recommend an early resample to monitor this
Potassium	ppm	5				
WEAR METALS						condition.Gear wear is indicated. Appearance is milky. There is a high concentration of water present in the
PQ		<b>17</b>				oil. The oil is no longer serviceable
Iron	ppm	<u> </u>				due to the presence of contaminants
Copper	ppm	<b></b> <1				
Lead	ppm	0				
Tin	ppm	<b>□</b> <1				
Aluminum	ppm	<b></b> 10				
Chromium	ppm	2				
Molybdenum	ppm	0				
Nickel	ppm	2				
Titanium	ppm	0				
Silver	ppm	0				
Manganese	ppm	2				
Vanadium	ppm	0				
ADDITIVES						
Calcium	ppm	<b>1</b> 2				
Magnesium	ppm	<b>18</b>				
Zinc	ppm	23				
Phosphorus	ppm	<b>1448</b>				
Barium	ppm	0				
Boron	ppm	293				
20.011	PPIII					

 Depot:
 VP794951

 Unique No:
 10575809

 Signed:
 Jonathan Hester

 Report Date:
 31 Jul 2023

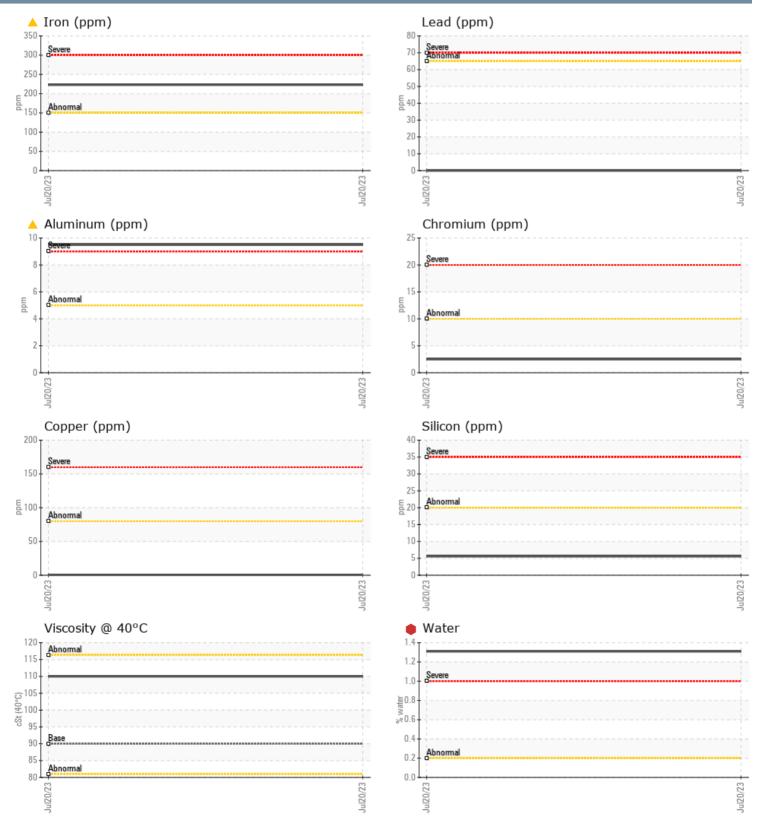
Contact/Location: WILLOW YANARELLA - VP794951

### VOLVO PENTA

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP794951 [WUSCAR] 05909157 (Generated: 07/31/2023 21:25:33) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951