OIL ANALYSIS REPORT

MARCO KRONEN AARON 502523 VOLVO PENTA A917562 - STERNDRIVE - STARBOARD GEARBOX

Sample No: VPA059142

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION						
Sample Number		VPA059142	VPA033368			-
Sample Date		13 Nov 2023	13 Jul 2022			Endor Marine LLC - Coastal Marine - 152
Machine Hours		1212	0			4300 11th Ave. NW
Oil Hours		0	0			SEATTLE, WA
Oil Changed		N/A	Changed			US 98107
Sample Status		SEVERE	SEVERE			Contact: WILLOW YANARELLA
Sample Status		JEVERE	SEVENE			service@coastalmarineengine.com
OIL CONDITION						T: (206)784-3703
Visc @ 40°C		104			F: (206)784-8823	
CONTAMINATIO	l					Diagnosis
						We advise that you check for the
Water	%	1.82	0 .758			source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that
Silicon	ppm	4	4			
Sodium	um ppm	■ 94 ■ 4	□ 44 □ 2			
Potassium ppm	ppm					
WEAR METALS						you inspect for the source(s) of we We recommend an early resample
PQ	2 32		17			monitor this condition.Gear wear i indicated. Appearance is
Iron	ppm	463	9340			unacceptable There is a high concentration of water present in t oil. The oil is no longer serviceable a result of the abnormal and/or severe wear.
Copper	ppm	2	2			
Lead	ppm	0	<1			
Tin	ppm	0	<1			
Aluminum	ppm	9	• 10			
Chromium	ppm	5	4			
Molybdenum	ppm	 <1	<1			
Nickel	ppm	6	9			
Titanium	ppm	<1	<1			
Silver	ppm	0	<1			
Manganese	ppm	4	4			
Vanadium	ppm	0	0			
ADDITIVES						
Calcium	ppm	12	8			_
Magnesium	ppm	1 4	13			
Zinc	ppm	15	11			
Phosphorus	ppm	1288	1300			
Barium	ppm		0			
Boron	ppm	315	286			

Depot: VP794951 Unique No: 10750293 Sean Felton

Signed: Report Date: 21 Nov 2023

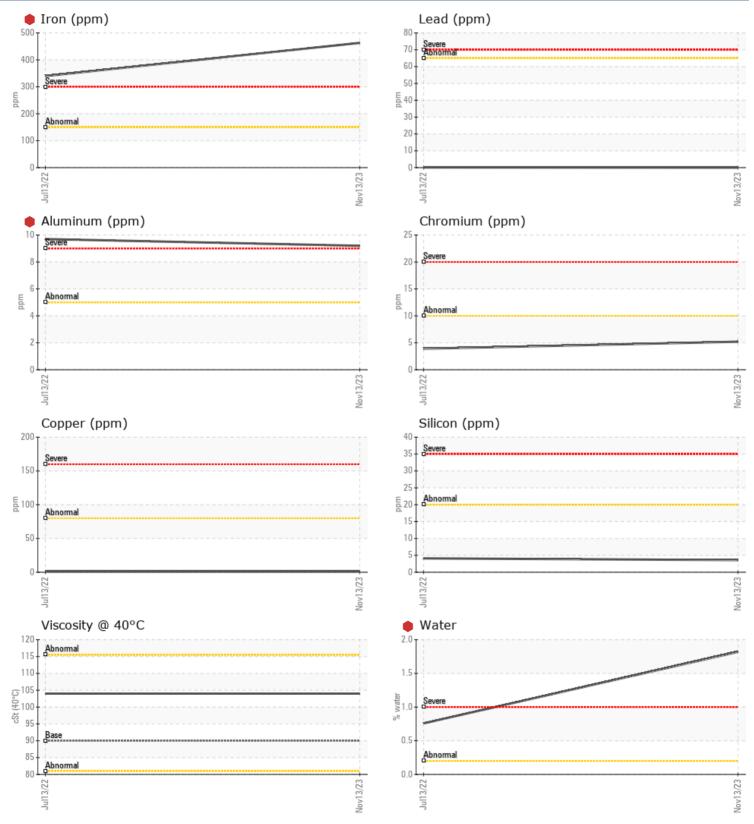
Contact/Location: WILLOW YANARELLA - VP794951

VOLVO PENTA

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP794951 [WUSCAR] 06011149 (Generated: 12/02/2023 04:53:11) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951