OIL ANALYSIS REPORT

NADINE URCIUOLI 2300552 SILVER SEAS VOLVO PENTA 3940023254 - PORT IPS

Sample No: VPA059536

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA059536	 	 Helmuts Marine Servio
Sample Date		01 Nov 2023	 	 619 Canal Street
Machine Hours		886	 	
Oil Hours		886	 	 SAN RAFAEL, CA
Oil Changed		Changed	 	 US 94901-3545
Sample Status		NORMAL	 	 Contact: NADINE URCIU
				SERVICE@HELMUTSMA
OIL CONDITION				T: x: F: x:
Visc @ 40°C	cSt	104	 	 F. X.
CONTAMINATION	l			Diagnosis
		-		No corrective action is i
Silicon	ppm	5	 	 at this time. Resample a
Sodium	ppm	3	 	 service interval to moni
Potassium	ppm	 <1	 	 component wear rates
WEAR METALS				There is no indication o contamination in the oi
PQ		∎13	 	 condition of the oil is a the time in service.
Iron	ppm	23	 	 the time in service.
Copper	ppm	2	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	<1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	5	 	 -
Magnesium	ppm	2	 	
Zinc	ppm	3	 	
Phosphorus	ppm	1279	 	
Barium	ppm	0	 	
Boron	ppm	362	 	
201011	PPIII			

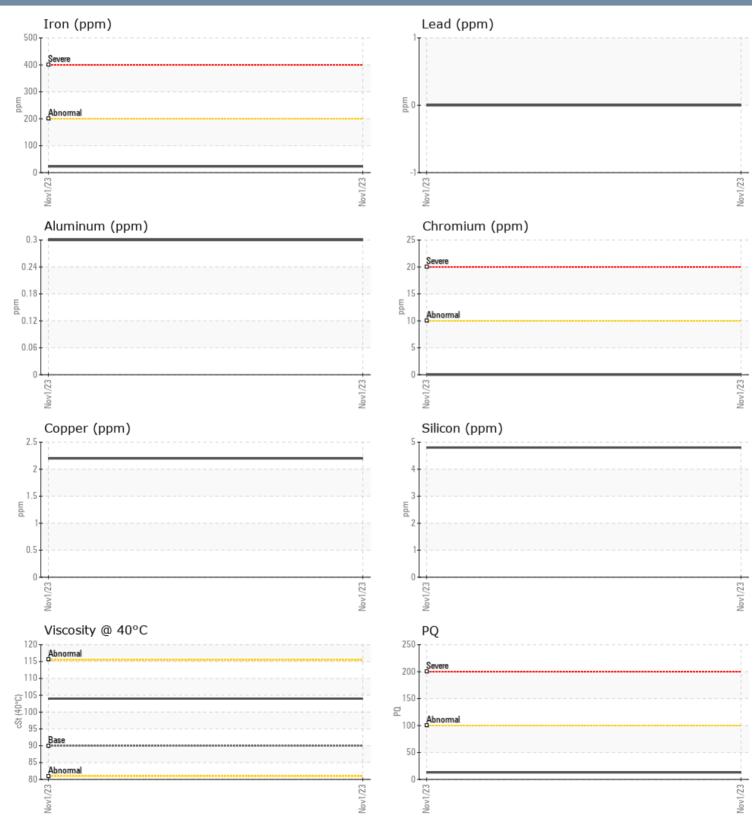
Contact/Location: NADINE URCIUOLI - VP152741



OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: NADINE URCIUOLI - VP152741