OIL ANALYSIS REPORT

NADINE URCIUOLI LUZAICH VOLVO PENTA A1099933 - PORT IPS

Sample No: VPA045762

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMA	ATION			
Sample Number		VPA045762	 	
Sample Date		08 Aug 2023	 	 Helmuts Marine Service
Machine Hours		0	 	 619 Canal Street
Oil Hours		0	 	 SAN RAFAEL, CA
Oil Changed		Not Changd	 	 US 94901-3545
Sample Status		NORMAL	 	 Contact: NADINE URCIUOLI
				SERVICE@HELMUTSMARINE.COM
OIL CONDITION				T: x:
Visc @ 40°C	cSt	107	 	 F: x:
CONTAMINATION				Diagnosis
CONTAMINATION				-
Silicon	ppm	<1	 	 Resample at the next service inte to monitor.All component wear re
Sodium	ppm	2	 	 are normal. There is no indication
Potassium	ppm	2	 	 any contamination in the oil. The
				condition of the oil is acceptable
WEAR METALS				the time in service.
PQ		1 4	 	
Iron	ppm	25	 	
Copper	ppm	10	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	<1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	 <1	 	
Nickel	ppm	 <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	1 2	 	
Magnesium	ppm	99	 	
Zinc	ppm	0	 	
Phosphorus	ppm	1369	 	
Barium	ppm	0	 	
Danun	ppin			



 Depot:
 VP152741

 Unique No:
 10606323

 Signed:
 Don Baldridge

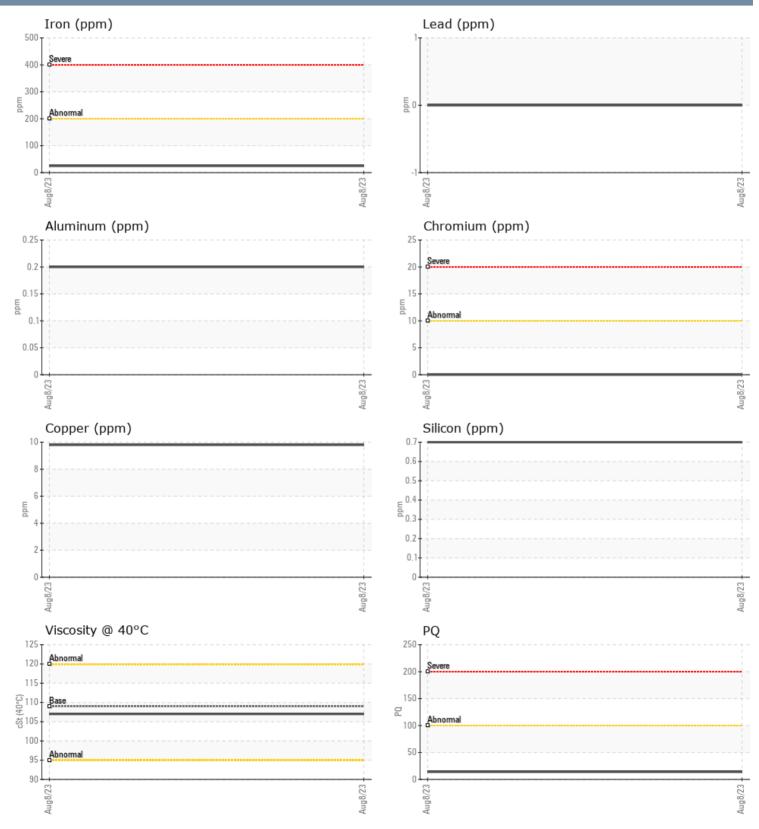
 Report Date:
 17 Aug 2023

Contact/Location: NADINE URCIUOLI - VP152741

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP152741 [WUSCAR] 05926376 (Generated: 08/21/2023 11:27:17) Rev: 1

Contact/Location: NADINE URCIUOLI - VP152741