OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940022391 - STARBOARD IPS

Sample No: VPA059967

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM	IATION			
Sample Number		VPA059967	 	
Sample Date		15 Nov 2023	 	
Machine Hours		329	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		SEVERE	 	
OIL CONDITION				
Visc @ 40°C	cSt	104	 	
CONTAMINATION	N			
Water	%	0.358	 	
Silicon	ppm	15	 	
Sodium	ppm	43	 	
Potassium	ppm	∎1	 	
WEAR METALS				
PQ		15	 	
Iron	ppm	• 441	 	
Copper	ppm	59	 	
Lead	ppm	<1	 	
Tin	ppm	<1	 	
Aluminum	ppm	4	 	
Chromium	ppm	2	 	
Molybdenum	ppm	 <1	 	
Nickel	ppm	3	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	11	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	8	 	
Magnesium	ppm	20	 	
Zinc	ppm	30	 	
Phosphorus	ppm	1349	 	
Barium	ppm	 <1	 	
Boron	ppm	207	 	

ALL SYSTEMS MARINE

700 MYRICK ST PENSACOLA, FL JS 32505 Contact: TRISTAN JOHNSON allsystemsmarine@yahoo.com I: (228)218-7963 --

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.Gear wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

 Depot:
 VP99220003

 Unique No:
 10762952

 Signed:
 Jonathan Hester

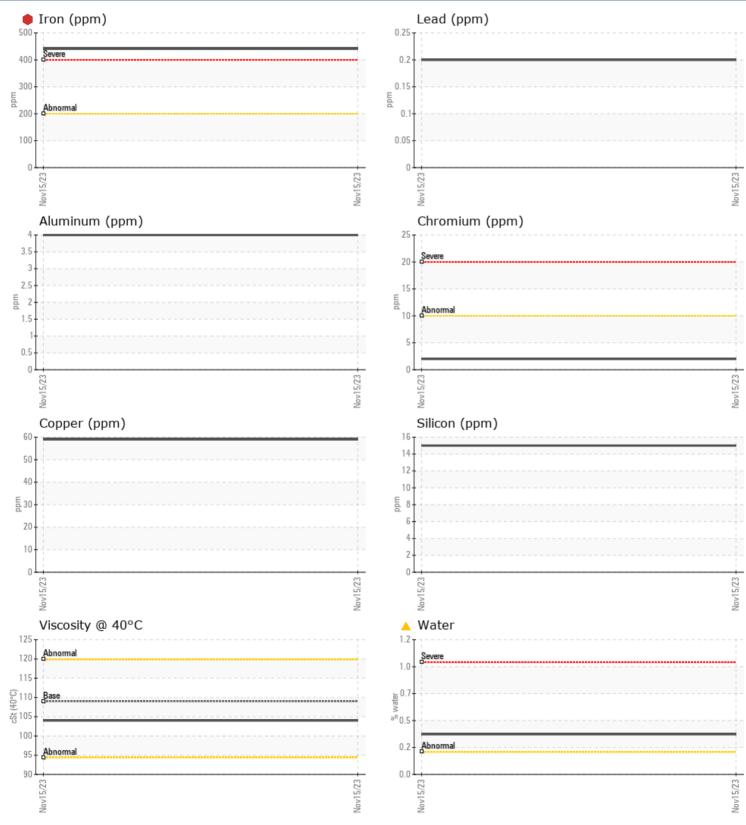
 Report Date:
 30 Nov 2023

Contact/Location: TRISTAN JOHNSON - VP99220003

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP99220003 [WUSCAR] 06018452 (Generated: 11/30/2023 12:16:53) Rev: 1

Contact/Location: TRISTAN JOHNSON - VP99220003