OIL ANALYSIS REPORT

PHIL PHIL VOLVO PENTA 3200004380 - PORT IPS

Sample No: VPA053772

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA053772	 	
Sample Date		07 May 2024	 	
Machine Hours		0	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	93.27	 	
CONTAMINATION	1			
Water	%	0.241	 	
Silicon	ppm	13	 	
Sodium	ppm	8	 	
Potassium	ppm	15	 	
WEAR METALS				
PQ		27	 	
Iron	ppm	74	 	
Copper	ppm	26	 	
Lead	ppm	<1	 	
Tin	ppm	<1	 	
Aluminum	ppm	4	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	<1	 	
Nickel	ppm	2	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	5	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	60	 	
Magnesium	ppm	1343	 	
Zinc	ppm	14	 	
Phosphorus	ppm	1993	 	
Barium	ppm	0	 	
Boron	ppm	857	 	

Harry`s Marine Service LLC

1141 N. Citrus St. Orange, CA JS 92887 Contact: TARAH AULD nfo@harrysmarine.com I: (714)771-7899 --

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. Resample at the next service interval to monitor.All component wear rates are normal. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

 Depot:
 VP867279

 Unique No:
 11019157

 Signed:
 Doug Bogart

 Report Date:
 10 May 2024

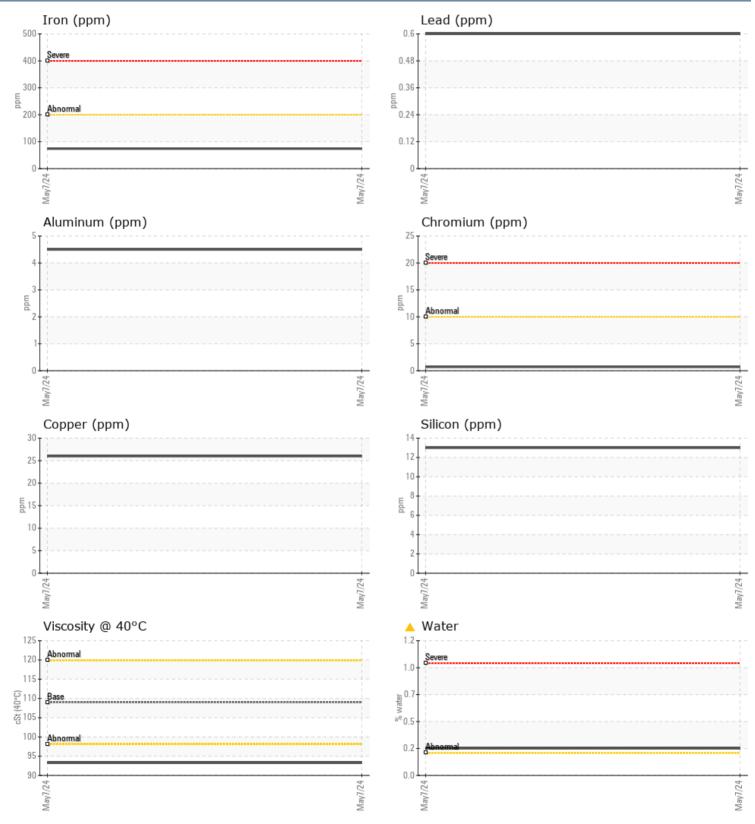
 Contact/Location: TARAH AULD - VP867279



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP867279 [WUSCAR] 06173104 (Generated: 05/13/2024 15:13:02) Rev: 2

Contact/Location: TARAH AULD - VP867279