OIL ANALYSIS REPORT

KEITH ROBINSON VOLVO PENTA 3194012578 - STARBOARD IPS

Sample No:VPA042246Oil Type:NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA042246	 	
Sample Date		29 Jun 2023	 	
Machine Hours		993	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	102	 	
CONTAMINATION				
Silicon	ppm	18	 	
Sodium	ppm	4	 	
Potassium	ppm	 <1	 	
WEAR METALS				
PQ		24	 	
Iron	ppm	447	 	
Copper	ppm	4 4	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	2	 	
Chromium	ppm	4	 	
Molybdenum	ppm	<1	 	
Nickel	ppm	3	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	5	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	6	 	
Magnesium	ppm	<1	 	
Zinc	ppm	15	 	
Phosphorus	ppm	1384	 	
Phosphorus Barium	ppm ppm	1384 0	 	

VOLVO PENTA

SINGLETON MARINE

6930 LANIER ISLANDS PKWY BUFORD, GA US 30002 Contact: DJ HARDEE dj@singletonmarinegroup.com T: (770)614-3007

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.Iron and copper ppm levels are abnormal. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

 Depot:
 VP159751

 Unique No:
 10539890

 Signed:
 Angela Borella

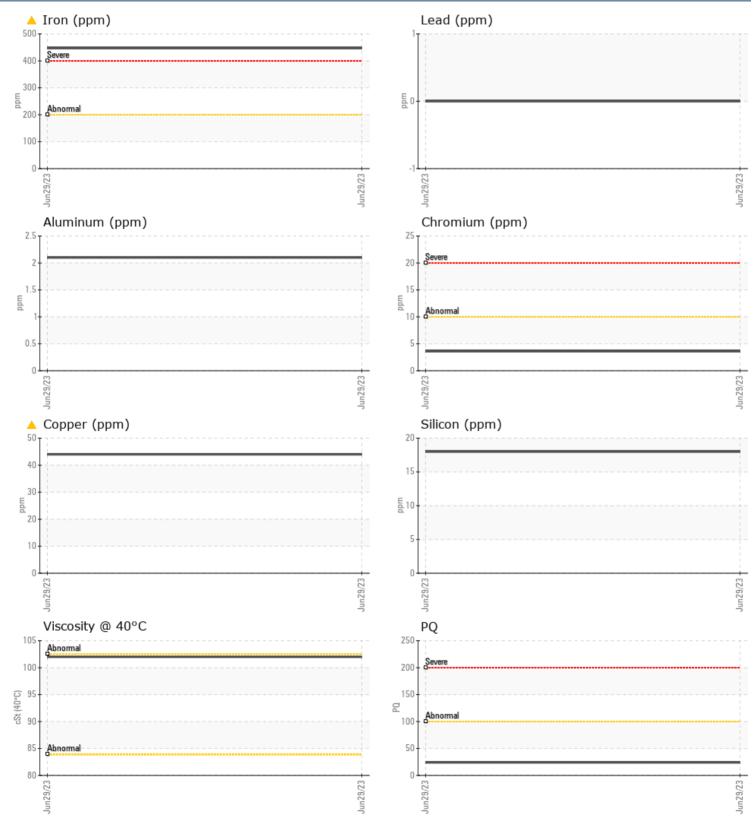
 Report Date:
 06 Jul 2023

Contact/Location: DJ HARDEE - VP159751

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GRAPHS



Report Id: VP159751 [WUSCAR] 05889407 (Generated: 07/06/2023 16:46:29) Rev: 1

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