OIL ANALYSIS REPORT

CONSTANCE MERCURY 3B226569 - LOWER UNIT OIL - STARBOARD GEARBOX

Sample No: VPA047988

Oil Type: MERCURY HIGH PERFORMANCE

SAMPLE INFORMATION

Sample Number VPA047988						
Sample Date		24 Jun 2023				
Machine Hours		467				6831 HILL PARK DR
Oil Hours		250				LORTON, VA
Oil Changed		N/A				US 22079
Sample Status		SEVERE				Contact: TIM STAPLES
Sumple Status		JITIK				service@marineevolutions.com
OIL CONDITION						T: (702)345-0365
						F:
Visc @ 40°C	cSt	204				
CONTAMINATION	N					Diagnosis
	0/	• • • •				We advise that you check for the
Water	%	8.67				source of water entry. We
Silicon	ppm	11				recommend that you drain the oil
Sodium	ppm	29				from the component if this has not
Potassium	ppm	2				already been done. We advise that
WEAR METALS						you inspect for the source(s) of wea We recommend an early resample
PQ		4 07				monitor this condition.High concentration of visible metal
Iron	ppm	638				present. Gear wear is indicated. The
Copper	ppm	2				very high ferrous density (PQ) index
Lead	ppm	0				indicates that severe wear is
Tin	ppm	0				occurring. There is a high
Aluminum	ppm	20				concentration of water present in the
Chromium	ppm	3				oil. The oil is no longer serviceable a result of the abnormal and/or
Molybdenum	ppm	20				severe wear.
Nickel	ppm	9				severe wear.
Titanium	ppm	0				
Silver	ppm	0				
Manganese	ppm	2				
Vanadium	ppm	0				
ADDITIVES						
Calcium	ppm	37				
Magnesium	ppm	9				
Zinc	ppm	39				
Phosphorus	ppm	140				
Barium	ppm	0				
Boron		0				
DOIOII	ppm	U				

VOLVO PENTA

 Depot:
 vp446360

 Unique No:
 10536737

 Signed:
 Jonathan Hester

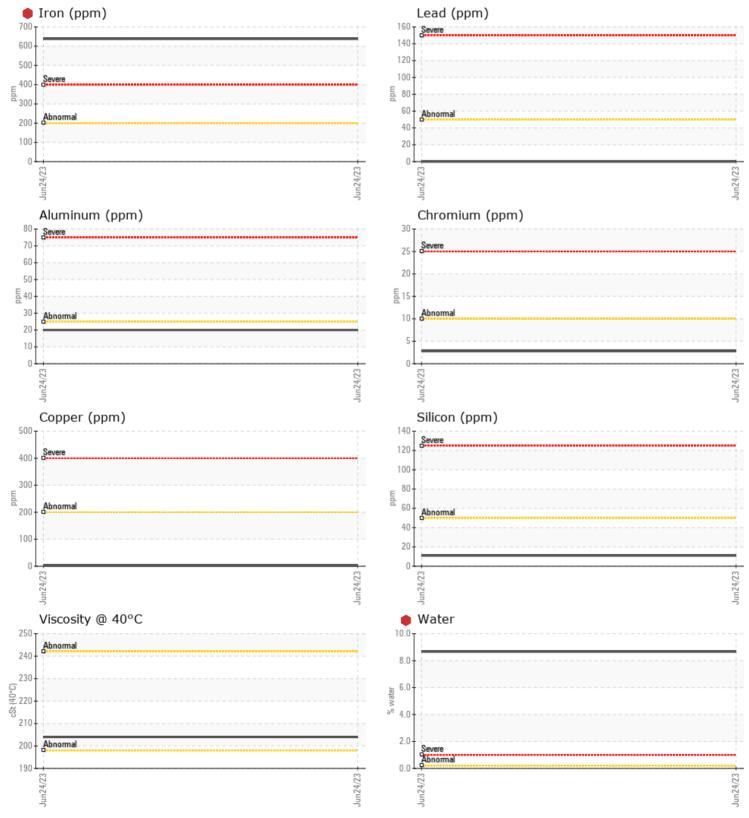
 Report Date:
 03 Jul 2023

Contact/Location: TIM STAPLES - VP446360

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GRAPHS



Report Id: vp446360 [WUSCAR] 05886254 (Generated: 07/03/2023 12:40:09) Rev: 1

Contact/Location: TIM STAPLES - VP446360