## **OIL ANALYSIS REPORT**

### MARK SNETHKAMP 505499 ZF 20295173 - INBOARD - STARBOARD GEARBOX

Sample No: VPA048584

Oil Type: RUBIA SAE 30

## SAMPLE INFORMATION

Sample Number Sample Date Machine Hours Oil Hours Oil Changed		VPA048584 09 Oct 2023 557 218 Changed	      	  
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 40°C	cSt	87.8	 	
CONTAMINATION				
Silicon	ppm	9	 	
Sodium	ppm	0	 	
Potassium	ppm	0	 	
WEAR METALS				
PQ		39	 	
Iron	ppm	56	 	
Copper	ppm	76	 	
Lead	ppm	<b>4</b>	 	
Tin	ppm	<b>1</b>	 	
Aluminum	ppm	7	 	
Chromium	ppm	<b>  </b> <1	 	
Molybdenum	ppm	43	 	
Nickel	ppm	□ <1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	3365	 	
Magnesium	ppm	91	 	
Zinc	ppm	1188	 	
Phosphorus	ppm	1043	 	
Barium	ppm	0	 	
Boron	ppm	368	 	

## VOLVO PENTA

**Jefferson Beach Yacht Sales Inc** 24400 Jefferson Ave.

SAINT CLAIR SHORES, MI US 48080 Contact: DENNIS BUTT dbutt@jbys.com T: (866)490-5297 F:

#### Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP297371

 Unique No:
 10689299

 Signed:
 Don Baldridge

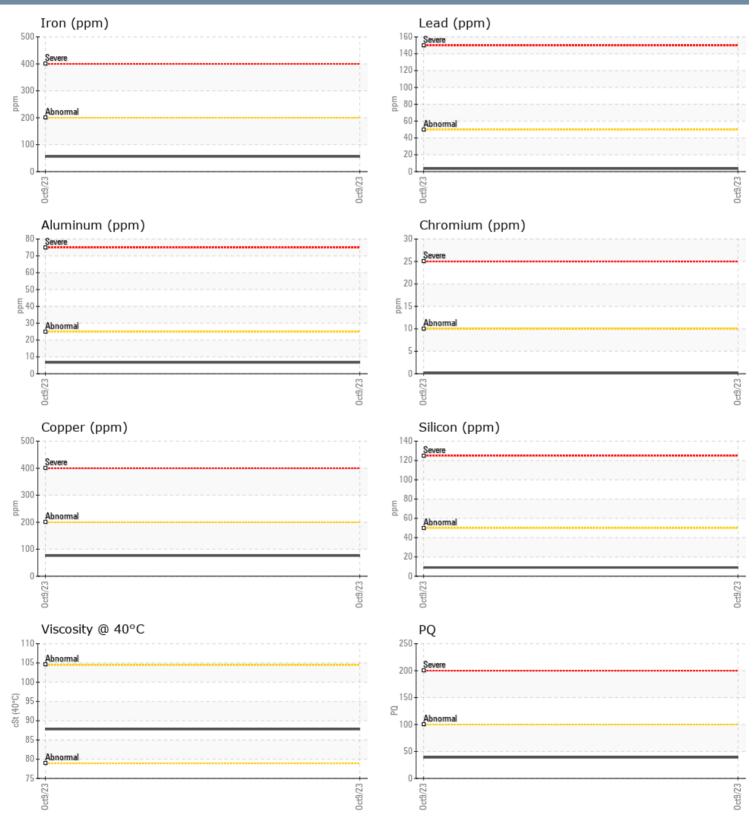
 Report Date:
 16 Oct 2023

Contact/Location: DENNIS BUTT - VP297371

# **OIL ANALYSIS REPORT**



#### GRAPHS



Contact/Location: DENNIS BUTT - VP297371