## **OIL ANALYSIS REPORT**

### MILLER VOLVO PENTA 3950009847 - STARBOARD IPS

Sample No:VPA059988Oil Type:NOT GIVEN

SAMPLE INFORMATION

#### Sample Number VPA059988 05 Dec 2023 Sample Date Machine Hours 153 Oil Hours 0 N/A Oil Changed Sample Status NORMAL **OIL CONDITION** Visc @ 40°C cSt 94.3 CONTAMINATION Water % NEG Silicon ppm 7 Sodium ppm 6 🔲 13 Potassium ppm

WEAR METALS				
PQ		20	 	
Iron	ppm	57	 	
Copper	ppm	5	 	
Lead	ppm	0	 	
Tin	ppm	<1	 	
Aluminum	ppm	2	 	
Chromium	ppm	<b></b> <1	 	
Molybdenum	ppm	0	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	0	 	
ADDITIVES				

Calcium	ppm	47	 	
Magnesium	ppm	879	 	
Zinc	ppm	0	 	
Phosphorus	ppm	1630	 	
Barium	ppm	0	 	
Boron	ppm	513	 	

Walstrom Marine - 767948

501 Bay Street HARBOR SPRINGS, MI US 49740 Contact: MARK LEWIS mlewis@walstrom.com T: 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:
 VP154879

 Unique No:
 10790123

 Signed:
 Don Baldridge

 Report Date:
 18 Dec 2023

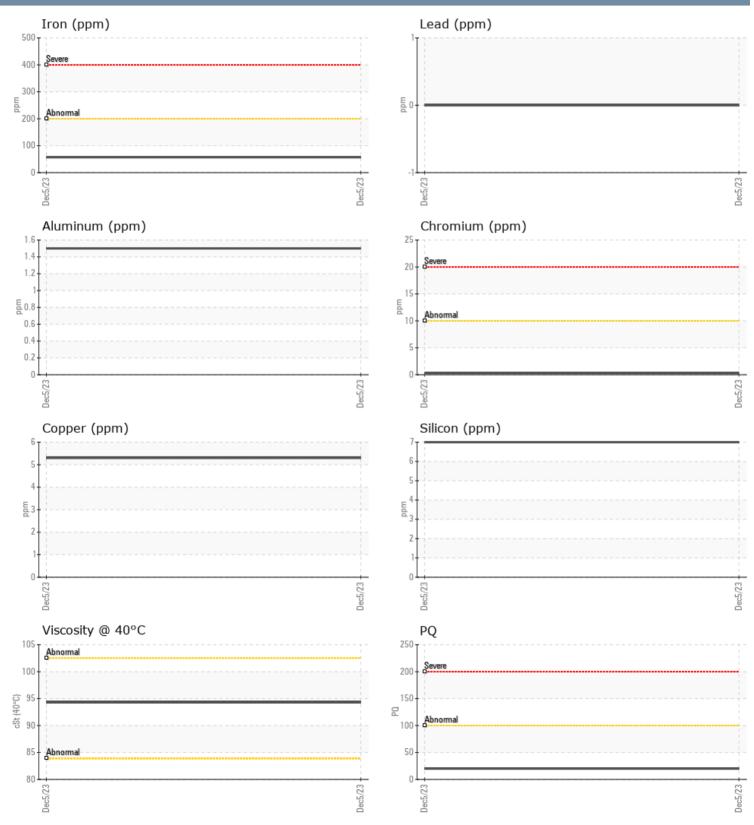
Contact/Location: MARK LEWIS - VP154879



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP154879 [WUSCAR] 06034894 (Generated: 12/18/2023 14:33:43) Rev: 1

Contact/Location: MARK LEWIS - VP154879