



STROBACH VOLVO PENTA 3200000435 - STARBOARD IPS

Sample No: VPA062423
Oil Type: {unknown}

SAMPLE INFORMATION					
Sample Date 28 May 2024	SAMPLE INFORM	ATION			
Sample Date 28 May 2024	Sample Number		VPA062423	 	
Machine Hours 810 <	•		28 May 2024	 	
Oil Changed Sample Status Changed ABNORMAL	•			 	
Sample Status	Oil Hours		0	 	
OIL CONDITION CONTAMINATION Water % NEG <	Oil Changed		Changed	 	
Visc @ 40°C CSt 102	•		_	 	
Vater	OIL CONDITION				
Water % NEG Silicon ppm 2 <	Visc @ 40°C	cSt	102	 	
Silicon ppm 2 <td< td=""><td>CONTAMINATION</td><td></td><td></td><td></td><td></td></td<>	CONTAMINATION				
Silicon	Water	%	NEG	 	
Sodium	Silicon	ppm	2	 	
Potassium ppm 3 WEAR METALS PQ 22 Iron ppm 170 Copper ppm 48	Sodium		5	 	
WEAR METALS PQ □ 22 Iron ppm □ 170 Copper ppm △ 48 Lead ppm □ <1	Potassium		■ 3	 	
Iron					
Copper ppm ▲ 48	-		_	 	
Lead ppm <1				 	
Tin ppm	• •			 	
Aluminum ppm 6					
Chromium ppm			_	 	
Molybdenum ppm <1			_	 	
Nickel ppm 3 <td></td> <td></td> <td>_</td> <td></td> <td></td>			_		
Titanium ppm □ 0 Silver ppm 0 Manganese ppm 4 Vanadium ppm 0 ADDITIVES Calcium ppm 4 Magnesium ppm 8 Zinc ppm 14 Phosphorus ppm 1420 Barium ppm 0					
Silver ppm 0 Manganese ppm 4 Vanadium ppm 0 ADDITIVES Calcium ppm 4 Magnesium ppm 8 Zinc ppm 14 Phosphorus ppm 1420 Barium ppm 0					
Manganese ppm 4					
Vanadium ppm 0 ADDITIVES Calcium ppm 4 Magnesium ppm 8 Zinc ppm 14 Phosphorus ppm 1420 Barium ppm 0					
ADDITIVES Calcium ppm 4 Magnesium ppm 8 Zinc ppm 14 Phosphorus ppm 1420 Barium ppm 0	J		_		
Calcium ppm 4 Magnesium ppm 8 Zinc ppm 14 Phosphorus ppm 1420 Barium ppm 0	Vanadium	ppm	0	 	
Magnesium ppm 8 Zinc ppm 14 Phosphorus ppm 1420 Barium ppm 0	ADDITIVES				
Zinc ppm 14 Phosphorus ppm 1420 Barium ppm 0	Calcium	ppm	4	 	
Phosphorus ppm 1420 Barium ppm 0	Magnesium	ppm	8	 	
Barium ppm 0	Zinc	ppm	14	 	
	Phosphorus	ppm	1420	 	
Boron ppm 331	Barium	ppm	0	 	
	Boron	ppm	331	 	

Bay Mar of Sturgeon Bay, Inc

155 E. Redwood St. STURGEON BAY, WI US 54235 Contact: Mark Felhofer mjf@baymarine.net T:

Diagnosis

F:

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other 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:VP151733Unique No:11069281Signed:Angela BorellaReport Date:10 Jun 2024

OIL ANALYSIS REPORT



