



JERRY CARBONARA 45043 VOLVO PENTA 3940021007 - STARBOARD IPS

Sample No: VPA054211

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5

Sample Date Machine Hours 203 """""""""""""""""""""""""""""""""	CAMPLE INFORM	ATION			
Sample Date	SAMPLE INFURM	ATIUN			
Machine Hours	Sample Number		VPA054211	 	
Oil Changed Not Changed Not Changed Normal Image: Control of the	Sample Date		06 Jun 2024	 	
Not Changed North Annual North	Machine Hours		203	 	
NORMAL	Oil Hours		0	 	
OIL CONDITION CONTAMINATION Water % NEG	Oil Changed		Not Changd	 	
Visc @ 40°C	Sample Status		NORMAL	 	
CONTAMINATION	OIL CONDITION				
NEG	Visc @ 40°C	cSt	107	 	
Silicon	CONTAMINATION				
Sodium	Water	%	NEG	 	
WEAR METALS PQ 16 Iron ppm 15 Copper ppm 12 Lead ppm 1 Aluminum ppm 1 Aluminum ppm <1	Silicon	ppm	■ 9	 	
Potassium ppm 4 WEAR METALS PQ 16 <td< td=""><td>Sodium</td><td>ppm</td><td>■3</td><td> </td><td></td></td<>	Sodium	ppm	■ 3	 	
PQ	Potassium		4	 	
Tron	WEAR METALS				
Copper ppm 12 </td <td>-</td> <td></td> <td></td> <td> </td> <td></td>	-			 	
Lead ppm 4		ppm	_	 	
Tin ppm 1 Aluminum ppm			_	 	
Aluminum		ppm		 	
Chromium ppm				 	
Molybdenum ppm 2 Nickel ppm 0 Titanium ppm 0 Silver ppm 1 Manganese ppm 0 Vanadium ppm 0 ADDITIVES Calcium ppm 25 Magnesium ppm 4 Zinc ppm 18 Phosphorus ppm 1294 Barium ppm 0			_		
Nickel ppm 0 <td></td> <td></td> <td></td> <td></td> <td></td>					
Titanium ppm 0 Silver ppm <1					
Silver ppm <1 Manganese ppm 1 Vanadium ppm 0 ADDITIVES Calcium ppm 25 Magnesium ppm 4 Zinc ppm 18 Phosphorus ppm 1294 Barium ppm 0					
Manganese ppm 1 Vanadium ppm 0 ADDITIVES Calcium ppm 25 Magnesium ppm 4 Zinc ppm 18 Phosphorus ppm 1294 Barium ppm 0					
Vanadium ppm 0 ADDITIVES Calcium ppm 25 Magnesium ppm 4 Zinc ppm 18 Phosphorus ppm 1294 Barium ppm 0					
ADDITIVES Calcium ppm 25 Magnesium ppm 4 Zinc ppm 18 Phosphorus ppm 1294 Barium ppm 0			_		
Calcium ppm 25 Magnesium ppm 4 Zinc ppm 18 Phosphorus ppm 1294 Barium ppm 0	Vanadium	ppm	0	 	
Magnesium ppm 4 Zinc ppm 18 Phosphorus ppm 1294 Barium ppm 0	ADDITIVES				
Magnesium ppm 4	Calcium	ppm	25	 	
Zinc ppm 18 Phosphorus ppm 1294 Barium ppm 0	Magnesium		4	 	
Phosphorus ppm ■ 1294 Barium ppm ■ 0	_		■18	 	
Barium ppm 0	Phosphorus		1294	 	
Boron ppm 337	•		0	 	
	Boron		■337	 	

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD CHARLESTON, SC US 29403 Contact: STEVE VASAS steve@ccyachtsales.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: VP568144
Unique No: 11074357
Signed: Don Baldridge
Report Date: 13 Jun 2024

OIL ANALYSIS REPORT



