OIL ANALYSIS REPORT

VOLVO PENTA

7055/0ATD

Tin

Aluminum

Chromium

Nickel

Silver

Titanium

Manganese

ADDITIVES

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Molybdenum

VOLVO PENTA 7008487797 - PORT DIESEL ENGINE

Sample No: VPA046799 **Oil Type:**

KENDALL 15W40

VPA046799 VPA027893 ample Date 26 Sep 2023 07 Oct 2020 Machine Hours 307 112 Dil Hours 307 60 Dil Changed Not Changd Changed Dil Changed Not Changd Changed OIL CONDITION NORMAL NORMAL OL CONDITION Oxidation (PA) % 49 40 CONTAMINATION Soot % % 0.2 0.2 Soot % % 0.2 0.2 Soot % % 0.2 0.2 Soot % % 0.2 0.2 <td< th=""><th>SAMPLE INFORMA</th><th>TION</th><th></th><th></th><th></th></td<>	SAMPLE INFORMA	TION			
Sample Date 26 Sep 2023 07 Oct 2020 Machine Hours 307 112 Dil Hours 307 60 Dil Hours Not Changd Changed Dil Changed Not Changd Changed OIL CONDITION NORMAL NORMAL Visc @ 100°C cSt 13.6 14.0 Asse Number (BN) mg KOH/g 9.3 Did to 0°C cSt 13.6 14.0 Oxidation (PA) % 49 40 Did fation (PA) % 44 53 Soot % % 0.2 0.2 Soot % % 1.0 Soot % % 0.2 0.2			VPA046799	VPA027893	
Machine Hours 307 112 Dil Hours 307 60 Dil Changed Not Changd Changed Dil Changed NORMAL NORMAL OIL CONDITION Visc @ 100°C cSt 13.6 14.0 Dix dation (PA) % 49 40 CONTAMINATION Soot % % 0.2 0.2 Soot % % 47 47 Soot % % 41.0 Soot % % 42 0.2 Soot % % 47 47 Soot % % 41.0 <1.0	•				
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Sample Status NORMAL NORMAL OIL CONDITION Visc @ 100°C cSt 13.6 14.0 Base Number (BN) mg KOH/g 9.3 Dxidation (PA) % 49 40 CONTAMINATION Soot % % 0.2 0.2 Soot % % 44 53 Soot % % 47 47 Solufation (PA) % 47 47 Solufation (PA) % 47 47 Solutation (PA) % 41 53 Solutation (PA) % 41 Solutation (PA) % <1.0	Oil Changed		Not Changd	Changed	
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Base Number (BN) mg KOH/g 9.3 Dxidation (PA) % 49 40 CONTAMINATION Soot % % 0.2 0.2 Nitration (PA) % 44 53 Soulfation (PA) % 47 47 Sulfation (PA) % <1.0	OIL CONDITION				
Dxidation (PA) % 49 40 CONTAMINATION Soot % % 0.2 0.2 Nitration (PA) % 44 53 Soulfation (PA) % 47 47 Sulfation (PA) % 41 53 Sulfation (PA) % 47 47 Sulfation (PA) % <1.0	Visc @ 100°C	cSt	13.6	14.0	
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Soot % % 0.2 0.2 Nitration (PA) % 44 53 Sulfation (PA) % 47 47 Sulfation (PA) % 410 Sulfation (PA) ppm 9 11 Sodium ppm 4 1 VEAR METALS v Copper ppm 6 10 <td>Oxidation (PA)</td> <td>%</td> <td>49</td> <td>40</td> <td> </td>	Oxidation (PA)	%	49	40	
Nitration (PA) % 44 53 Sulfation (PA) % 47 47 Sulfation (PA) % 47 47 Sulfation (PA) % NEG NEG Sulfation (PA) % 1.0 Sulfation (PA) % <1.0	CONTAMINATION				
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Silycol % NEG NEG Fuel % <1.0	Nitration (PA)	%	44	53	
Suel % <1.0 Silicon ppm 9 11 Sodium ppm 4 <1	Sulfation (PA)	%	47	47	
Silicon ppm 9 11 Sodium ppm 4 <1	Glycol	%			
Godium ppm 4 <1 Potassium ppm 4 1 WEAR METALS Vertical and	Fuel	%	<1.0	< 1.0	
Potassium ppm 4 1 WEAR METALS viscopper ppm 6 10 Copper ppm 30 40	Silicon	ppm	9		
WEAR METALS Image: Control of the second secon	Sodium	ppm	_		
ron ppm 6 10 Copper ppm 30 40	Potassium	ppm	4	1	
Copper ppm 30 40	WEAR METALS				
	Iron	ppm	6	10	
.ead ppm □<1	Copper	ppm	30	4 0	
	Lead	ppm	 <1	< 1	

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< 1</p>

7

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111

1146

953

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STRONGS YACHT CENTER

5780 W MILL RD MATTITUCK, NY US 11952 Contact: WILL KORINEK willk@strongsmarine.com T: (631)298-4480 F: (631)298-4126

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Depot:	VP1126820		
Unique No:	10672650		
Signed:	Don Baldridge		
Report Date:	03 Oct 2023		

Report Id: VP1126820 [WUSCAR] 05966099 (Generated: 10/03/2023 13:18:20) Rev: 1

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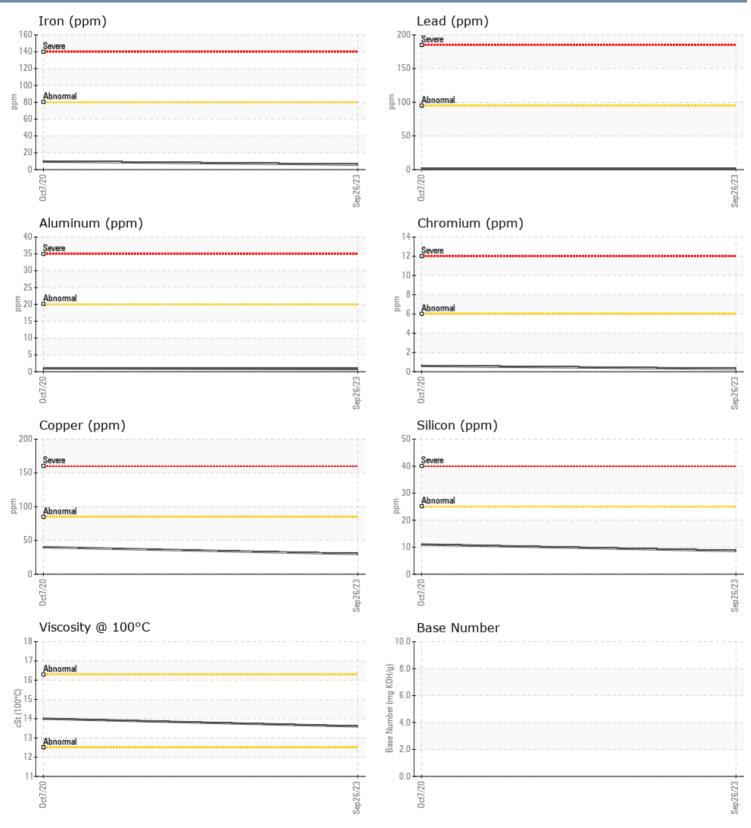
ppm

Contact/Location: WILL KORINEK - VP1126820

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1126820 [WUSCAR] 05966099 (Generated: 10/03/2023 13:18:22) Rev: 1

Contact/Location: WILL KORINEK - VP1126820