OIL ANALYSIS REPORT

VOLVO PENTA

7055/0ATD

VOLVO PENTA 7008487784 - STARBOARD DIESEL ENGINE

Sample No: VPA029925 **Oil Type:**

KENDALL 15W40

SAMPLE INFORMATION

Sample Number		VPA029925	VPA034949	
Sample Date		26 Sep 2023	07 Oct 2020	
Machine Hours		307	112	
Oil Hours		307	60	
Oil Changed		Not Changd	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDITION				
Visc @ 100°C	cSt	13.6	14.0	
Base Number (BN)	mg KOH/g	9.3		
Oxidation (PA)	%	49	40	
CONTAMINATION				
CONTAMINATION				
Soot %	%	0.2	0.2	
Nitration (PA)	%	43	52	
Sulfation (PA)	%	47	47	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	12	12	
Sodium	ppm	5	< 1	
Potassium	ppm	4	1	
WEAR METALS				
WEAK METALS				
Iron	ppm	10	9	
Copper	ppm	4 3	37	
Lead	ppm	■ <1	<1	
Tin	ppm	■ <1	<1	
Aluminum	ppm	1	1	
Chromium	ppm	□ <1	 <1	
Molybdenum	ppm	75	7	
Nickel	ppm	■ <1	2	
Titanium	ppm	 <1	<1	
Silver	ppm	■ <1	<1	
Manganese	ppm	1	 < 1	
Vanadium	ppm	0	0	

ADDITIVES

Calcium	ppm	1537	2297	
Magnesium	ppm	958	122	
Zinc	ppm	1494	1148	
Phosphorus	ppm	1249	955	
Barium	ppm	0	0	
Boron	ppm	17	7	

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.

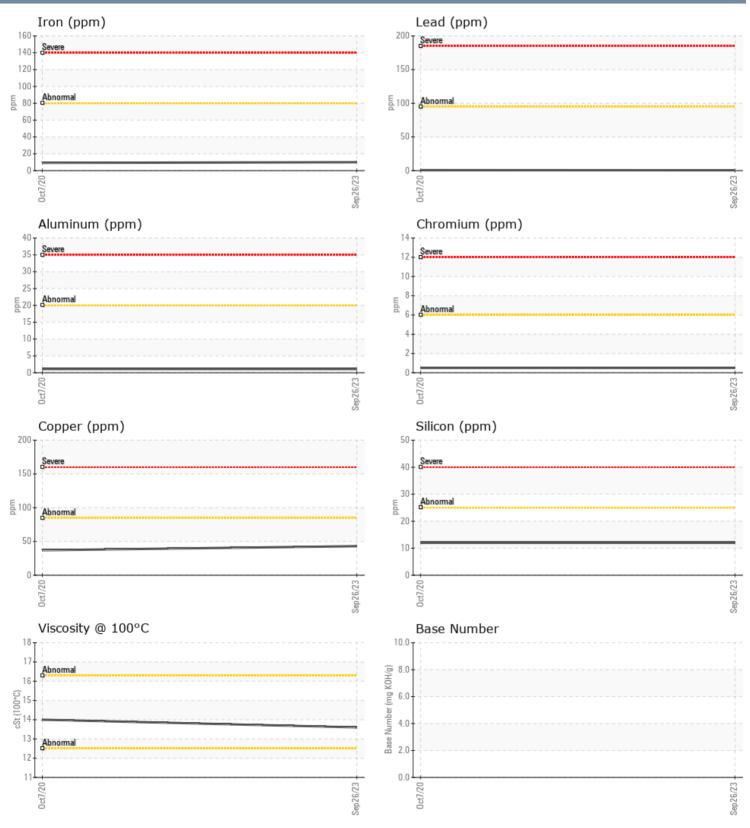
Depot: VP1126820 Unique No: 10672651 Signed: Don Baldridge Report Date: 03 Oct 2023

Contact/Location: WILL KORINEK - VP1126820

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GRAPHS



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