OIL ANALYSIS REPORT

RANDY WINTER TOM VOLVO PENTA 1012622023 - STARBOARD DIESEL ENGINE

Sample No: VPA056350

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA056350	 	
Sample Date		06 Sep 2023	 	
Machine Hours		510	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	■14.0	 	
Base Number (BN)	mg KOH/g	8.1	 	
Oxidation (PA)	%	61	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	45	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	2	 	
Potassium	ppm	6	 	

WEAR METALS

Iron	ppm	2	 	
Copper	ppm	1	 	
Lead	ppm	■<1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	27	 	
Nickel	ppm	0	 	
Titanium	ppm	2	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	<1	 	

ADDITIVES

Calcium	ppm	2151	 	
Magnesium	ppm	131	 	
Zinc	ppm	1186	 	
Phosphorus	ppm	976	 	
Barium	ppm	0	 	
Boron	ppm	247	 	

ADMIRALTY MARINE

2775 KURTZ ST, STE 12 SAN DIEGO, CA US 92110 Contact: Terry Albee TALBEE@ADMIRALTYMARINE.NET 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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP151529

 Unique No:
 10636061

 Signed:
 Don Baldridge

 Report Date:
 11 Sep 2023

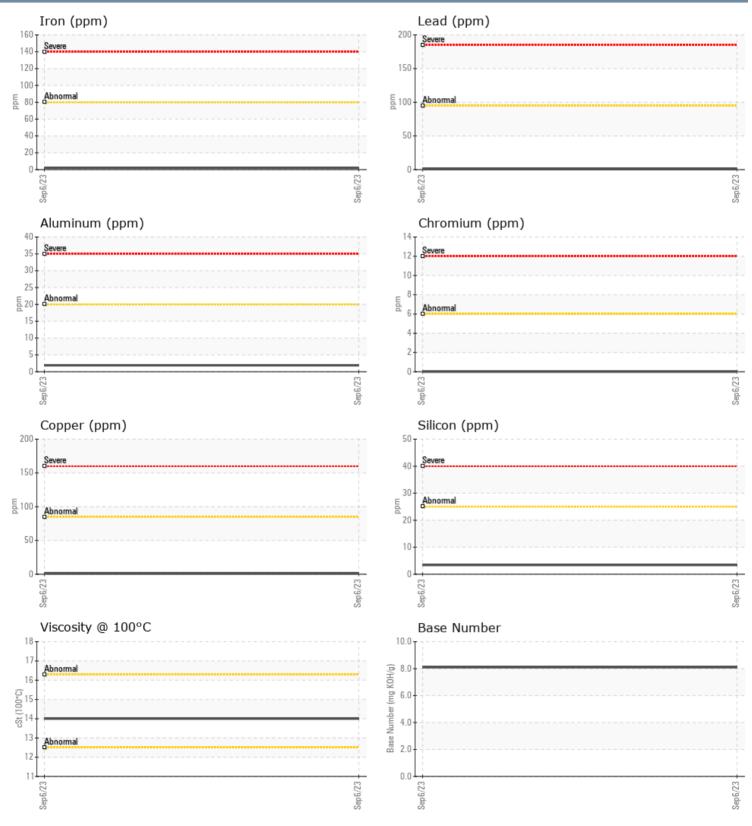
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Contact/Location: Terry Albee - VP151529

OIL ANALYSIS REPORT



GRAPHS



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Contact/Location: Terry Albee - VP151529