OIL ANALYSIS REPORT

DAVID BOVEE 501495/5250 VOLVO PENTA 1012569559 - PORT DIESEL ENGINE

Sample No: VPA044916

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA044916	 	
Sample Date		21 Dec 2022	 	
Machine Hours		991	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.1	 	
Base Number (BN)	mg KOH/g	11.4	 	
Oxidation (PA)	%	63	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	60	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	0	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	6	 	

Iron	ppm	6	 	
Copper	ppm	∎<1	 	
Lead	ppm	□ <1	 	
Tin	ppm	∎<1	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	61	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1179	 	
Magnesium	ppm	903	 	
Zinc	ppm	1272	 	
Phosphorus	ppm	1078	 	
Barium	ppm	0	 	
Boron	ppm	6	 	

Endor Marine LLC - Coastal Marine - 152124 4300 11th Ave. NW SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

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:
 VP794951

 Unique No:
 10269180

 Signed:
 Don Baldridge

 Report Date:
 27 Dec 2022

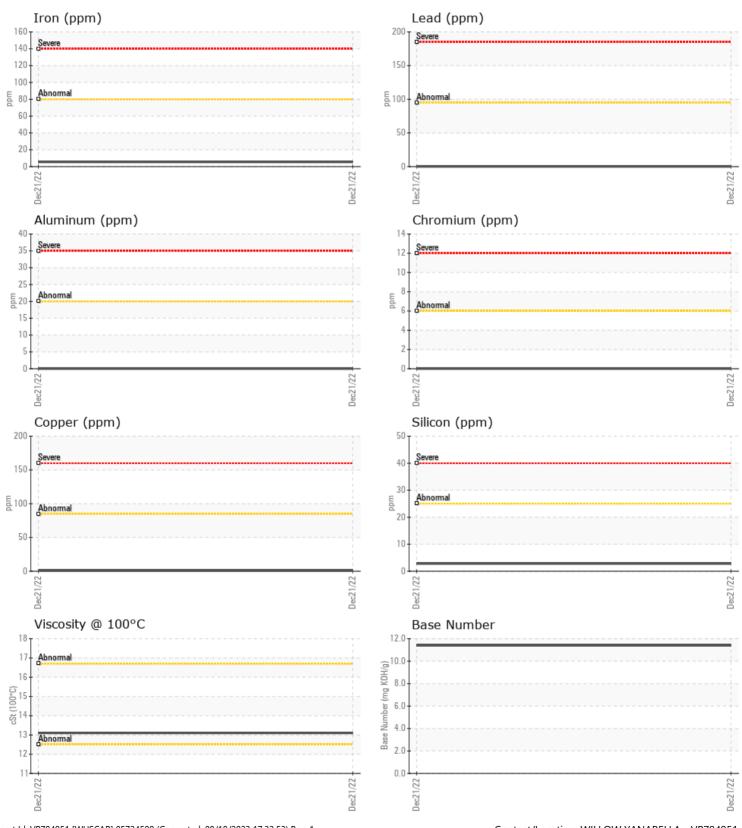
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GRAPHS



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