OIL ANALYSIS REPORT

KEVIN GODFREY 6159 VOLVO PENTA A1062848 - STARBOARD DIESEL ENGINE

Sample No: VPA045888

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA045888	 	
Sample Date		23 Jun 2023	 	
Machine Hours		230	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.2	 	
Base Number (BN)		7.7	 	
Oxidation (PA)	%	80	 	
	70	00		
CONTAMINATION				
CONTAMINATION				
Soot %	%	1.3	 	
	%	■ 1.3 94	 	
Soot %		_		
Soot % Nitration (PA)	%	94	 	
Soot % Nitration (PA) Sulfation (PA)	%	94 65	 	
Soot % Nitration (PA) Sulfation (PA) Glycol	% % %	94 65 NEG	 	
Soot % Nitration (PA) Sulfation (PA) Glycol Fuel	% % %	94 65 NEG <1.0	 	
Soot % Nitration (PA) Sulfation (PA) Glycol Fuel Silicon	% % % % ppm	94 65 NEG <1.0	 	

Iron	ppm	1 5	 	
Copper	ppm	8	 	
Lead	ppm	2	 	
Tin	ppm		 	
Aluminum	ppm	□<1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	4 9	 	
Nickel	ppm	2	 	
Titanium	ppm	□<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1572	 	
Magnesium	ppm	364	 	
Zinc	ppm	1178	 	
Phosphorus	ppm	1015	 	
Barium	ppm	0	 	
Boron	ppm	303	 	

Northwest Diesel Power

1325 ROEDER AVE SUITE 103 BELLINGHAM, WA US 98225 Contact: TRAVIS THOMAS ttdiesel@yahoo.com T: (360)739-9525 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: VP759009 Unique No: 10538661 Signed: Don Baldridge Report Date: 04 Jul 2023

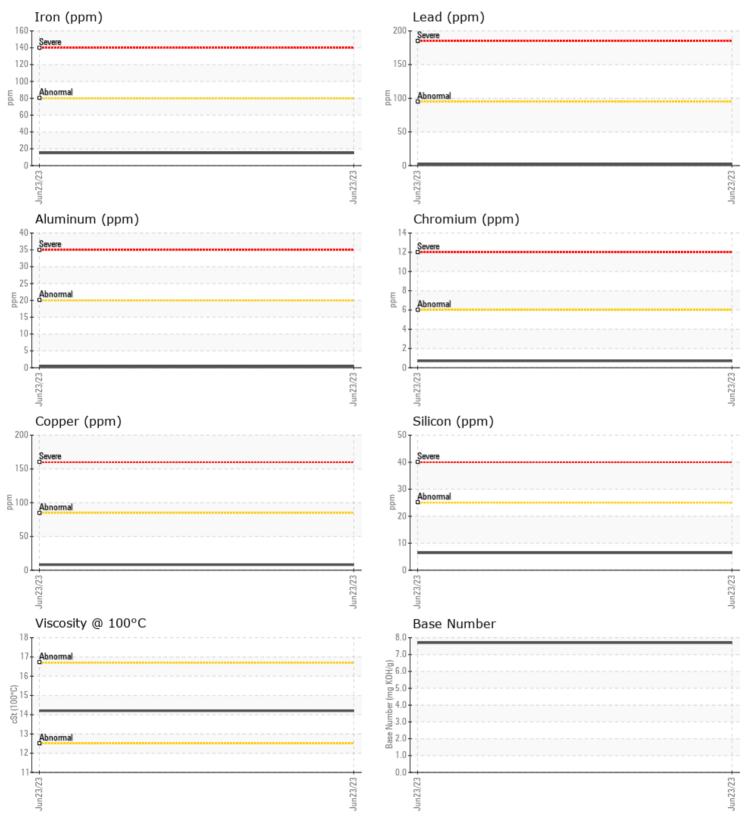
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GRAPHS



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