OIL ANALYSIS REPORT

KEVIN GODFREY 6159 VOLVO PENTA A1062846 - PORT DIESEL ENGINE

Sample No: VPA045839

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA045839	 	
Sample Date		23 Jun 2023	 	
Machine Hours		230	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	∎ 14.1	 	
Base Number (BN)	mg KOH/g	8.9	 	
Oxidation (PA)	%	68	 	
()				
CONTAMINATION				
CONTAMINATION				
CONTAMINATION Soot %	%	0.5	 	
	%	0.5 76	 	
Soot %				
Soot % Nitration (PA)	%	76	 	
Soot % Nitration (PA) Sulfation (PA)	%	76 56	 	
Soot % Nitration (PA) Sulfation (PA) Glycol	% %	76 56 NEG	 	
Soot % Nitration (PA) Sulfation (PA) Glycol Fuel	% % %	76 56 NEG <1.0	 	
Soot % Nitration (PA) Sulfation (PA) Glycol Fuel Silicon	% % % % ppm	76 56 NEG <1.0	 	
Soot % Nitration (PA) Sulfation (PA) Glycol Fuel Silicon Sodium	% % % % ppm ppm	76 56 NEG <1.0 6 2	 	

Iron	ppm	10	 	
Copper	ppm	5	 	
Lead	ppm	1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	63	 	
Nickel	ppm	1	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1439	 	
Magnesium	ppm	450	 	
Zinc	ppm	1178	 	
Phosphorus	ppm	1011	 	
Barium	ppm	0	 	
Boron	ppm	392	 	

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: 10538663 Signed: Don Baldridge Report Date: 04 Jul 2023

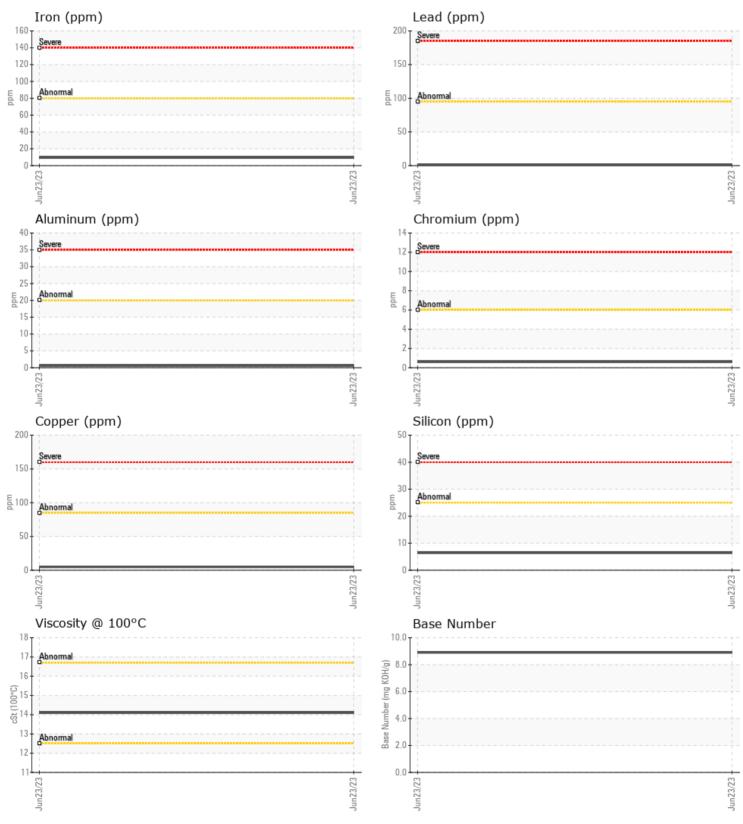
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GRAPHS



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