OIL ANALYSIS REPORT

HEIDI TRUDGEON 6175 VOLVO PENTA A1113658 - PORT DIESEL ENGINE

Sample No: VPA045799

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA045799	 	
Sample Date		05 Jul 2023	 	
Machine Hours		85	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.64	 	
Base Number (BN)	mg KOH/g	9.7	 	
Oxidation (PA)	%	70	 	
CONTAMINATION				
C + 04	0/			
Soot %	%	0.1	 	
Nitration (PA)	%	42	 	
Sulfation (PA)	%	63	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	■11	 	
Sodium	ppm	0	 	
Potassium				
rotassiann	ppm	2	 	

WEAR METALS

Iron	ppm	21	 	
Copper	ppm	6	 	
Lead	ppm	2	 	
Tin	ppm	2	 	
Aluminum	ppm	30	 	
Chromium	ppm	3	 	
Molybdenum	ppm	108	 	
Nickel	ppm	2	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1469	 	
Magnesium	ppm	605	 	
Zinc	ppm	840	 	
Phosphorus	ppm	712	 	
Barium	ppm	2	 	
Boron	ppm	362	 	

Northwest Diesel Power

1325 ROEDER AVE SUITE 103 BELLINGHAM, WA US 98225 Contact: BRANDON ROBERTSON parts@nwdieselpower.com T: F:

Diagnosis

No corrective action is recommended at this time. 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:
 10547529

 Signed:
 Doug Bogart

 Report Date:
 06 Jul 2023

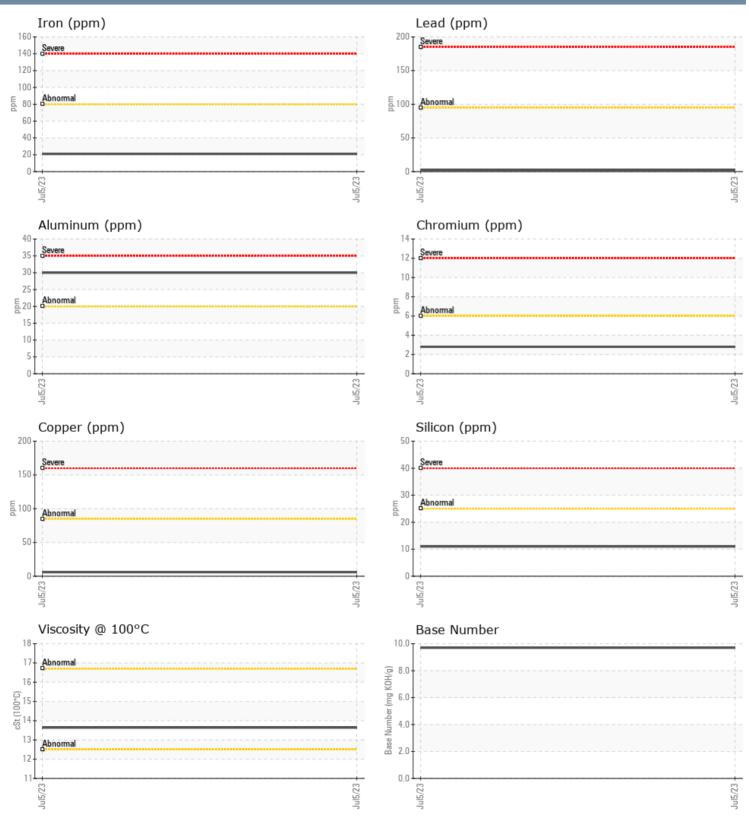
Contact/Location: BRANDON ROBERTSON - VP759009



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP759009 [WUSCAR] 05891719 (Generated: 07/10/2023 19:50:13) Rev: 1

Contact/Location: BRANDON ROBERTSON - VP759009