OIL ANALYSIS REPORT

VOLVO PENTA

DOUG MEZO 6236 VOLVO PENTA D6-435-SC-F A637805 - DIESEL ENGINE

Sample No: VPA056040

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA056040	 	
Sample Date		02 Aug 2023	 	
Machine Hours		708	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.8	 	
-		_	 	
Base Number (BN)	mg KOH/g	8.5	 	
Oxidation (PA)	%	53	 	
CONTAMINATION				
Soot %	%	0.2	 	
Nitration (PA)	%	68	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	2	 	
Potassium	ppm	4	 	

WEAR METALS

Iron	ppm	17	 	
Copper	ppm	4	 	
Lead	ppm	2	 	
Tin	ppm	 <1	 	
Aluminum	ppm	6	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	17	 	
Nickel	ppm	1	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1328	 	
Magnesium	ppm	658	 	
Zinc	ppm	815	 	
Phosphorus	ppm	676	 	
Barium	ppm	0	 	
Boron	ppm	128	 	

Northwest Diesel Power

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

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.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:
 10589923

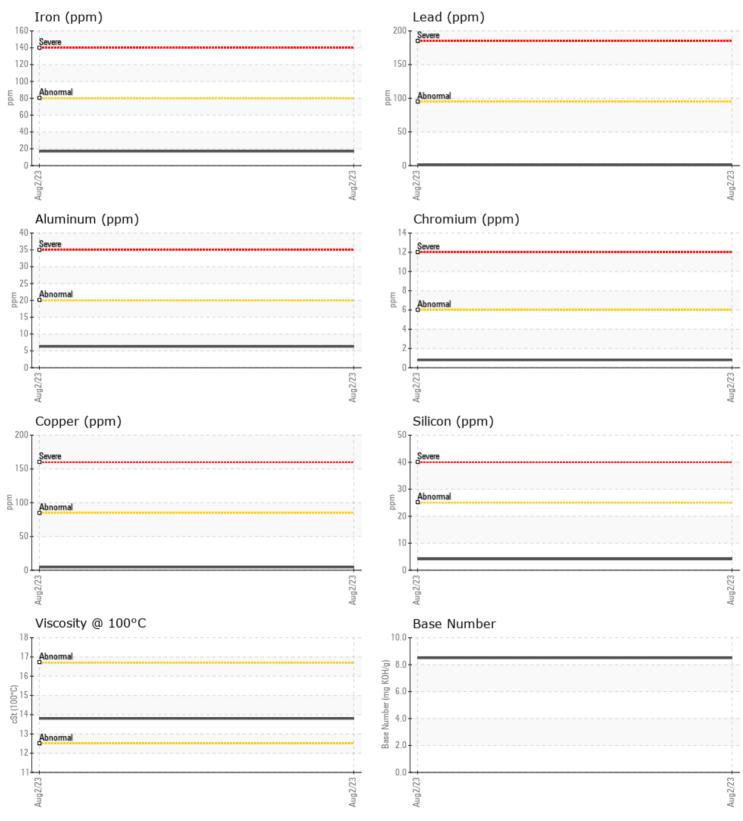
 Signed:
 Sean Felton

 Report Date:
 09 Aug 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP759009 [WUSCAR] 05918009 (Generated: 08/10/2023 13:46:33) Rev: 1

Contact/Location: BRANDON ROBERTSON - VP759009