# **OIL ANALYSIS REPORT**

## 6546 VOLVO PENTA TAMD61A 1131043616 - STARBOARD DIESEL ENGINE

Sample No: VPA060010

Oil Type: {unknown}

### SAMPLE INFORMATION

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Sample Number		VPA060010			
Sample Date		17 Feb 2024			
Machine Hours		1629			
Oil Hours		0			
Oil Changed		Not Changd			
Sample Status		NORMAL			
Sumple Status					
OIL CONDITION					
Visc @ 100°C	cSt	14.3			
Base Number (BN)	mg KOH/g	8.8			
Oxidation (PA)	%	56			
CONTAMINATION					
Water	%	NEG			
Soot %	%	0.6			
Nitration (PA)	%	69			
Sulfation (PA)	%	53			
Glycol	%	NEG			
Fuel	%	<1.0			
Silicon	ppm	6			
Sodium	ppm	28			
Potassium	ppm	6			
WEAR METALS					
Iron	ppm	39			
Copper	ppm	3			
Lead	ppm	3			
Tin	ppm	■<1			
Aluminum	ppm	<b>17</b>			
Chromium	ppm	2			
Molybdenum	ppm	22			
Nickel	ppm	0			
Titanium	ppm	0			
Silver	ppm	0			
Manganese	ppm	<1			
Vanadium	ppm	<1			
ADDITIVES					
Calcium	ppm	<b>1404</b>			
Magnesium	ppm	778			
Zinc	ppm	908			
Phosphorus	ppm	755			
Barium	ppm	<b>0</b>			
Boron	ppm	97			
201011	PPIII				

VOLVO PENTA

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.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 suitable for further service.

 Depot:
 VP759009

 Unique No:
 10888224

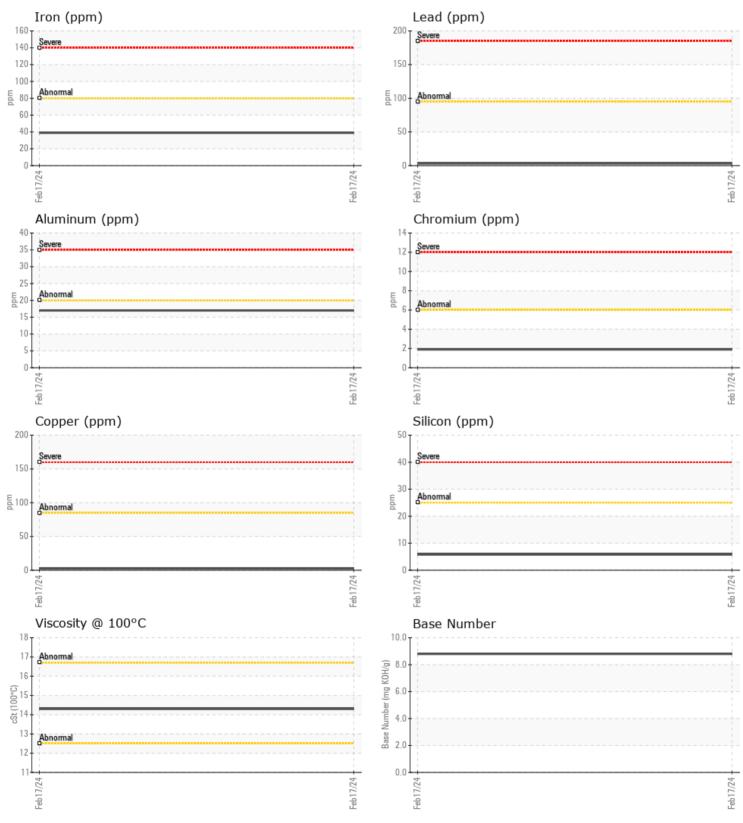
 Signed:
 Sean Felton

 Report Date:
 22 Feb 2024

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP759009 [WUSCAR] 06095371 (Generated: 02/26/2024 09:16:44) Rev: 1

Contact/Location: BRANDON ROBERTSON - VP759009