## **OIL ANALYSIS REPORT**

#### CYS 6689 VOLVO PENTA D6-380A-G A1135508 - STARBOARD DIESEL ENGINE

Sample No: VPA060955

**Oil Type: DIESEL ENGINE OIL SAE 40** 

### SAMPLE INFORMATION

SAMPLE INFURMA					
Sample Number		VPA060955	 		
Sample Date		07 May 2024	 		Northwest Diesel Pov
Machine Hours		443	 	1325 ROEDER AVE SUI	
Oil Hours		0	 		BELLINGHAM, WA
Oil Changed		Not Changd	 		US 98225
Sample Status		NORMAL	 		Contact: BRANDON RC
OIL CONDITION					parts@nwdieselpower. T:
Visc @ 100°C	cSt	<b>1</b> 3.1	 		F:
Base Number (BN)	mg KOH/g	9.9	 		
Oxidation (PA)	%	53	 		Diagnosis
					Resample at the next
CONTAMINATION					to monitor.All compo
Water	%	NEG	 		are normal. There is n any contamination in
Soot %	%	0.1	 		result indicates that th
Nitration (PA)	%	39	 		alkalinity remaining in
Sulfation (PA)	%	49	 		condition of the oil is
Glycol	%	NEG	 		the time in service.
Fuel	%	<1.0	 		
Silicon	ppm	4	 		
Sodium	ppm	□<1	 		
Potassium	ppm	<b>  </b> <1	 		
WEAR METALS					
Iron	ppm	5	 		_
Copper	ppm	<b>1</b>	 		
_ead	ppm	□<1	 		
Гin	ppm	0	 		
Aluminum	ppm	<b>  </b> <1	 		
Chromium	ppm	0	 		
Molybdenum	ppm	63	 		
Nickel	ppm	<b>□</b> <1	 		
Fitanium	ppm	0	 		
Silver	ppm	0	 		
Manganese	ppm	<b>□</b> <1	 		
Vanadium	ppm	0	 		
ADDITIVES					
Calcium	ppm	<b>1170</b>	 		
Magnesium	ppm	<b>1041</b>	 		
Zinc	ppm	1399	 		
Phosphorus	ppm	<b>1134</b>	 		
Barium	ppm	0	 		
Boron	ppm	<b>  </b> <1			Depot: VP7590

oot: VP759009 11021114 Unique No: Signed: Don Baldridge Report Date: 13 May 2024

25 ROEDER AVE SUITE 103

LINGHAM, WA 98225 ntact: BRANDON ROBERTSON ts@nwdieselpower.com

#### agnosis

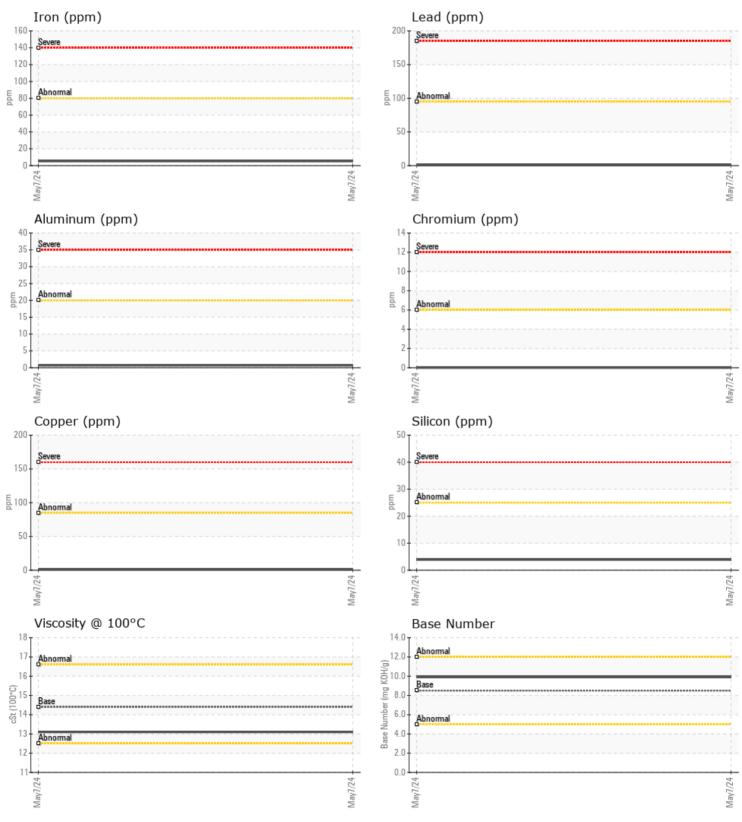
sample at the next service interval monitor.All component wear rates e normal. There is no indication of v contamination in the oil. The BN sult indicates that there is suitable alinity remaining in the oil. The ndition of the oil is acceptable for e time in service.

Contact/Location: BRANDON ROBERTSON - VP759009

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP759009 [WUSCAR] 06175061 (Generated: 05/16/2024 16:58:01) Rev: 1

Contact/Location: BRANDON ROBERTSON - VP759009