## **OIL ANALYSIS REPORT**

### VOLVO PENTA

#### MOYSEY KOHLER MOYSEY (S/N NOT GIVEN) - GENSET

Sample No: VPA058993

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Sample Number		VPA058993	 	
Sample Date		13 Dec 2023	 	
Machine Hours		846	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.1	 	
Base Number (BN)	mg KOH/g	9.4	 	
Oxidation (PA)	%	61	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	53	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	7	 	
Sodium	ppm	2	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	8	 	
Copper	ppm	■<1	 	
Lead	ppm	0	 	
Tin	ppm	<b>  </b> <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	56	 	
Nickel	ppm	<b>  </b> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	<b>1184</b>	 	
Magnesium	ppm	<b>841</b>	 	
Zinc	ppm	<b>1266</b>	 	
Phosphorus	ppm	<b>1057</b>	 	
Barium	ppm	<b>  </b> <1	 	
Danun	ppm			

#### FULL KEEL MARINE SERVICES

314 LEGION AVE ANNAPOLIS, MD US 21401 Contact: Service Manager FULLKEELMARINESERIVES@GMAIL.COM T: (410)507-3542 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:
 VP1298996

 Unique No:
 10794156

 Signed:
 Sean Felton

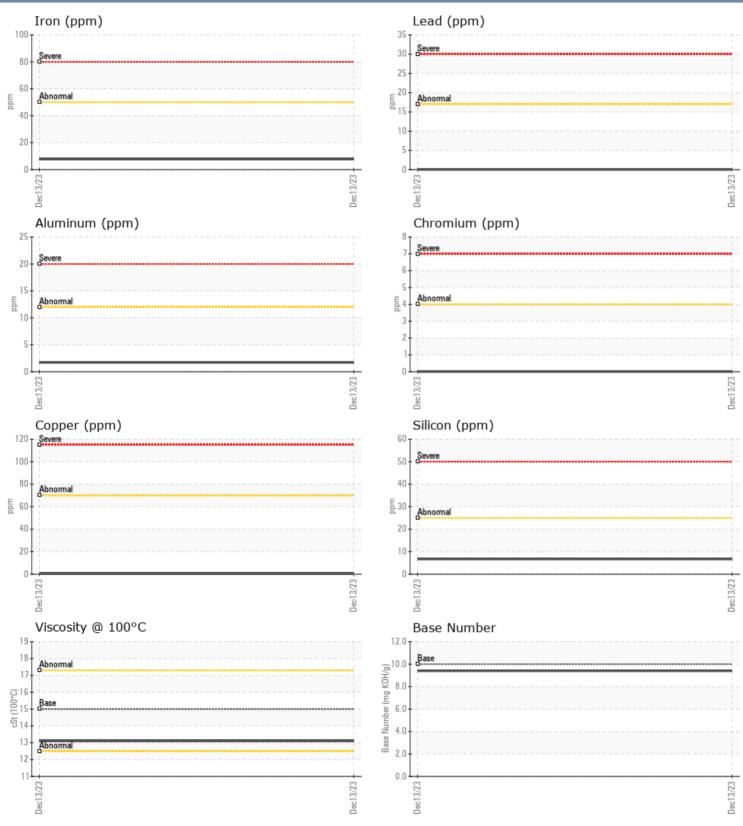
 Report Date:
 20 Dec 2023

Contact/Location: Service Manager - VP1298996

# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP1298996 [WUSCAR] 06038927 (Generated: 12/20/2023 16:55:49) Rev: 1

Contact/Location: Service Manager - VP1298996