## **OIL ANALYSIS REPORT**

#### **MYLES JB** VOLVO PENTA 7011485280 - PORT DIESEL ENGINE

Sample No: VPA057121

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

Sample Number		VPA057121	VPA044079	 	
Sample Date		03 Dec 2023	05 Nov 2022	 	
Machine Hours		225	193	 	
Dil Hours		0	0	 	
Dil Changed		Changed	Changed	 	
Sample Status		NORMAL	ATTENTION	 	
OIL CONDITION					
/isc @ 100°C	cSt	<b>13.5</b>	<b>1</b> 0.9	 	
Base Number (BN)	mg KOH/g	8.3	8.8	 	
Dxidation (PA)	%	63	62	 	
CONTAMINATION					
/ater	%	NEG	NEG	 	
Soot %	%	0.2	0.6	 	
Nitration (PA)	%	48	63	 	
Sulfation (PA)	%	55	56	 	
Glycol	%	NEG	NEG	 	
uel	%	<1.0	1.5	 	
ilicon	ppm	13	35	 	
odium	ppm	9	3	 	
otassium	ppm	33	4	 	
WEAR METALS					
ron	ppm	97	28	 	
opper	ppm	27	<b>1</b> 32	 	
ad	ppm	0	3	 	
n	ppm	2	4	 	
luminum	ppm	<b>18</b>	2	 	
hromium	ppm	2	2	 	
/lolybdenum	ppm	47	8	 	
lickel	ppm	<1	3	 	
ïtanium	ppm	0	0	 	
ilver	ppm	0	2	 	
Manganese	ppm	<b>10</b>	2	 	
anadium	ppm	0	<1	 	
ADDITIVES					
Calcium	ppm	<b>1799</b>	2452	 	
lagnesium	ppm	537	30	 	
linc	ppm	955	1165	 	
hosphorus	ppm	768	959	 	
Barium	ppm	0	0	 	
		27	27		

**Point Judith Marina** 

360 Gooseberry Road WAKEFIELD, RI US 02879 Contact: MATT ST. ANGELO service@pjmarina.com;canastasio@wearcheckusa.com T: (401)789-7189 F: (401)783-5350

### Diagnosis

Oil and filter change at the time of sampling has been noted. 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.

Contact/Location: MATT ST. ANGELO - VP153811

Report Date:

VP153811

10777223

Angela Borella

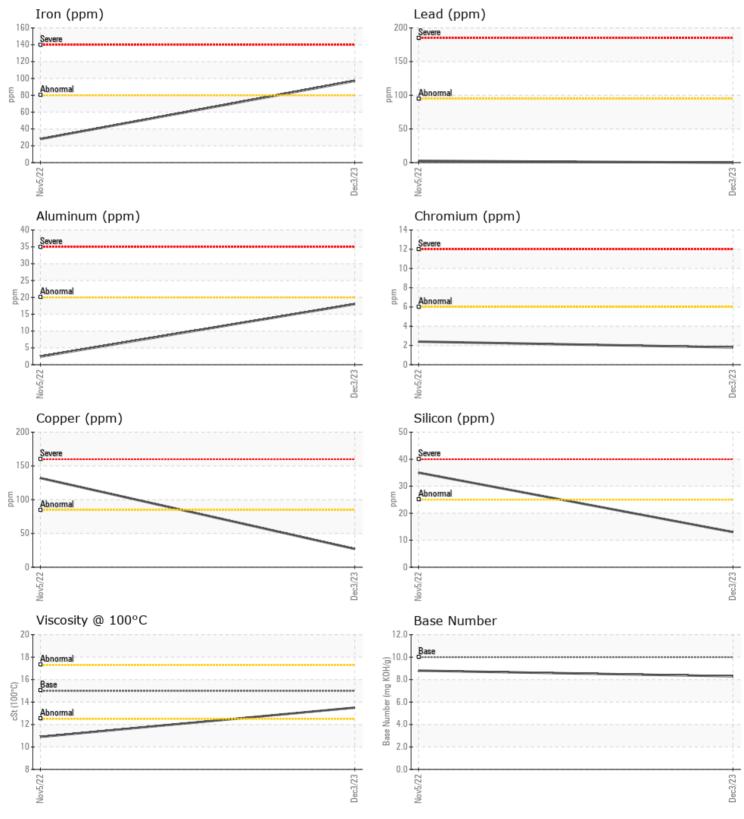
08 Dec 2023



# **OIL ANALYSIS REPORT**



#### GRAPHS



Report Id: VP153811 [WUSCAR] 06027432 (Generated: 12/11/2023 13:17:32) Rev: 1

Contact/Location: MATT ST. ANGELO - VP153811