OIL ANALYSIS REPORT

BOB FARRIS 505661 VOLVO PENTA A329319 - PORT DIESEL ENGINE

Sample No: VPA059433

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA059433	VPA042746	
Sample Date		01 Dec 2023	13 Dec 2022	
Machine Hours		545	508	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CONDITION				
Visc @ 100°C	cSt	13.8	13.4	
Base Number (BN)	mg KOH/g	9.8	11.2	
Oxidation (PA)	%	53	60	
	70		00	
CONTAMINATION				
Water	%	NEG	NEG	
Soot %	%	0.2	0.3	
Nitration (PA)	%	43	53	
Sulfation (PA)	%	49	56	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	∎3	3	
Sodium	ppm	0	0	
Potassium	ppm	1	1	
Fotassium	ppm			
WEAR METALS				
Iron	ppm	1 0	13	
Copper	ppm	3	4	
Lead	ppm	0	< 1	
Tin	ppm	0	 <1	
Aluminum	ppm	1	1	
Chromium	ppm	 <1	<1	
Molybdenum	ppm	57	57	
Nickel	ppm	0	0	
Titanium	ppm	0	0	
Silver	ppm	0	1	
Manganese	ppm	0	<1	
Vanadium	ppm	0	0	
ADDITIVES				
Calcium	ppm	1007	1032	
Magnesium	ppm	882	872	
Zinc	ppm	1126	1152	
Phosphorus	ppm	908	977	
Barium	ppm	2	0	
Boron	ppm	4	2	

Depot:

24400 Jefferson Ave. SAINT CLAIR SHORES, MI US 48080 Contact: DENNIS BUTT dbutt@jbys.com T: (866)490-5297 F:

Jefferson Beach Yacht Sales Inc

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.

Don Baldridge

07 Dec 2023

VP297371

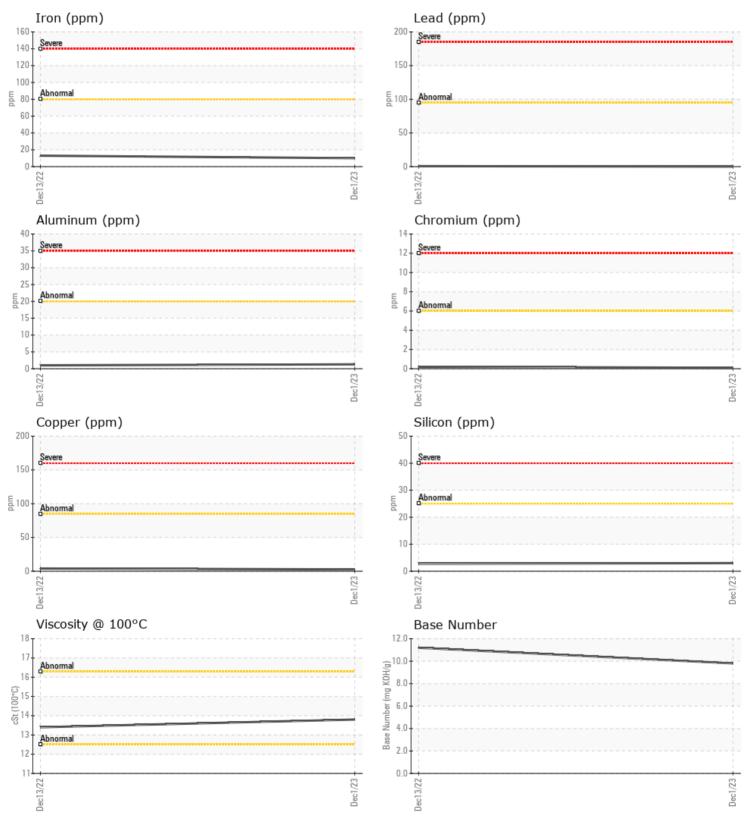
10775994



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP297371 [WUSCAR] 06026203 (Generated: 12/07/2023 14:35:48) Rev: 1

Contact/Location: DENNIS BUTT - VP297371