## **VOLVO PENTA**

## **OIL ANALYSIS REPORT**

### RICHARD CANNY ONAN D110210256 - GENSET

Sample No: VPA042409

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

Sample Number		VPA042409	VPA028518	 
Sample Date		15 Feb 2023	24 Feb 2022	 
Machine Hours		85	80	 
Oil Hours		0	0	 
Oil Changed		Changed	Changed	 
Sample Status		NORMAL	NORMAL	 
OIL CONDITION				
Visc @ 100°C	cSt	<b>13.4</b>	13.2	 
Base Number (BN)	mg KOH/g	9.9	8.3	 
Oxidation (PA)	%	55	49	 
CONTAMINATION				
Water	%	NEG	NEG	 
Soot %	%	<b>0.1</b>	0.1	 
Nitration (PA)	%	40	42	 
Sulfation (PA)	%	50	43	 
Glycol	%	NEG	NEG	 
Fuel	%	<1.0	< 1.0	 
Silicon	ppm	6	6	 
Sodium	ppm	<b>  </b> <1	2	 
Potassium WEAR METALS	ppm	2	0	 
Iron	ppm	4	9	 
Copper	ppm	<b></b> <1	1	 
Lead	ppm	<b>  </b> <1	<b></b> < 1	 
Tin	ppm	<b>  </b> <1	2	 
Aluminum	ppm	<b>1</b>	4	 
Chromium	ppm	<b>  </b> <1	□ <1	 
Molybdenum	ppm	57	53	 
Nickel	ppm	0	0	 
Titanium	ppm	0	<1	 
Silver	ppm	0	<1	 
Manganese	ppm	1	<1	 
Vanadium	ppm	0	0	 
ADDITIVES				
Calcium	ppm	1106	989	 
	ppm	994	888	 
Zinc	ppm	1285	1034	 
	ppm	989	969	 
Phosphorus				
Phosphorus Barium	ppm	0	0	 

#### Jefferson Beach Yacht Sales Inc

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

### 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:
 VP297371

 Unique No:
 10351219

 Signed:
 Angela Borella

 Report Date:
 27 Feb 2023

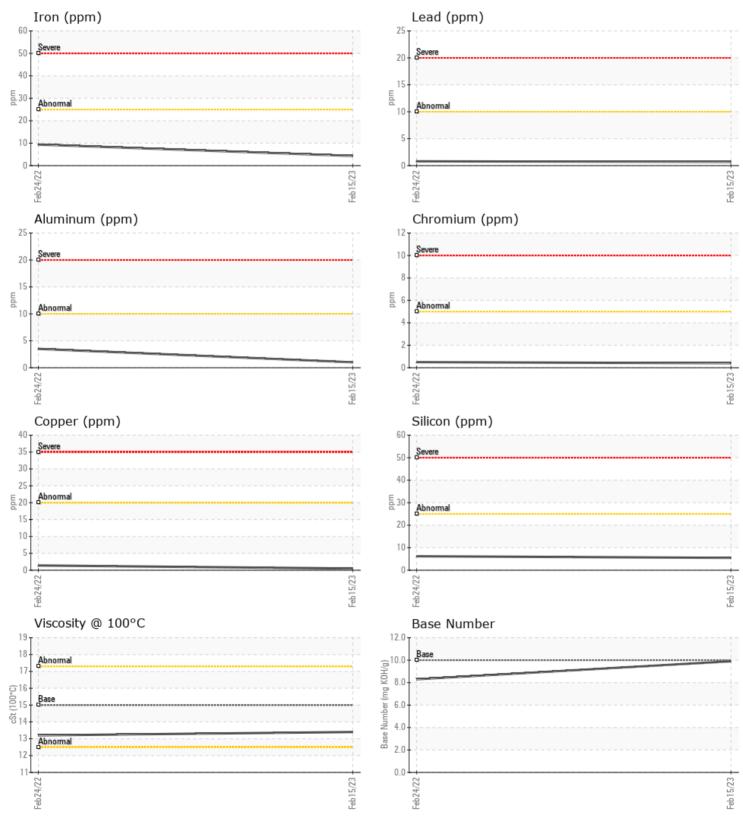
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Contact/Location: DENNIS BUTT - VP297371

# **OIL ANALYSIS REPORT**



#### GRAPHS



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