OIL ANALYSIS REPORT

VOLVO PENTA

11125 ONAN CO40622477 - CENTER GENSET

Sample No: VPA056659

Oil Type: DIESEL ENGINE OIL SAE 40

Sample Number		VPA056659	 	
Sample Date		01 Aug 2023	 	
Machine Hours		800	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.6	 	
Base Number (BN)	mg KOH/g	8.0	 	
Oxidation (PA)	%	69	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	53	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	5	 	
Sodium	ppm	2	 	
Potassium	ppm	1	 	
WEAR METALS				
Iron	ppm	12	 	
Copper	ppm	□ <1	 	
Lead	ppm	0	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	47	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1239	 	
Magnesium	ppm	859	 	
Zinc	ppm	1046	 	
Phosphorus	ppm	842	 	
Barium	ppm	0	 	
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BAY MARINE

3 E MADISON ST WAUKEGAN, IL US 60085 Contact: NANCY FELHOFER NANCY.FELHOFER@BAYMARINE.NET T:

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 suitable for further service.

 Depot:
 VP1174336

 Unique No:
 10587680

 Signed:
 Doug Bogart

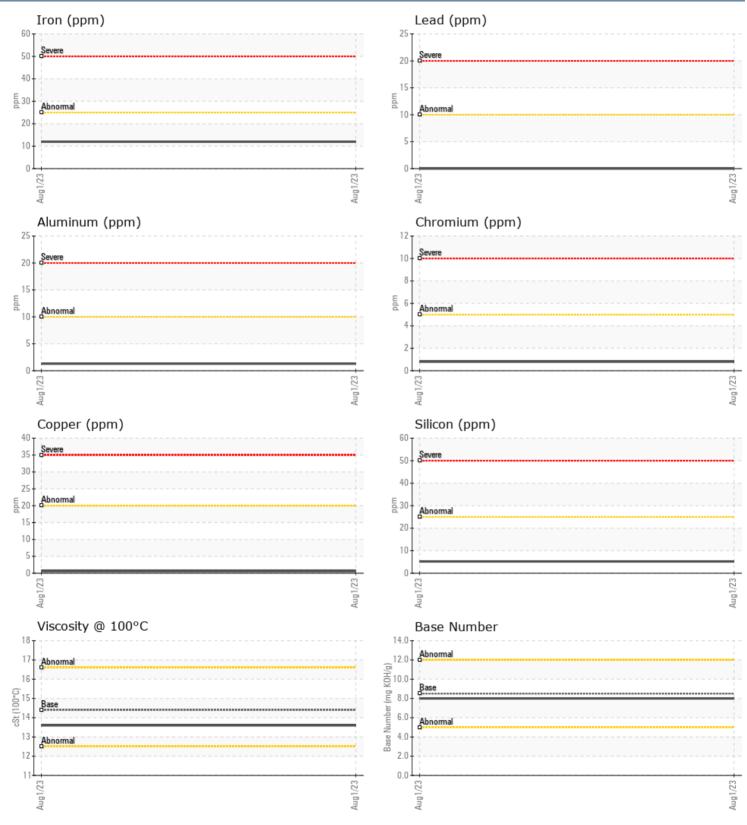
 Report Date:
 06 Aug 2023

Contact/Location: NANCY FELHOFER - VP1174336

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP1174336 [WUSCAR] 05915766 (Generated: 08/07/2023 19:59:30) Rev: 1

Contact/Location: NANCY FELHOFER - VP1174336