OIL ANALYSIS REPORT

PAULINA AZIMUT 43 VOLVO PENTA A760298 - STARBOARD DIESEL ENGINE

Sample No: VPA051056

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number		VPA051056	 	
Sample Date		04 Apr 2024	 	
Machine Hours		1429	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ABNORMAL	 	
Sample Status		ADNORMAL		
OIL CONDITION				
Visc @ 100°C	cSt	13.19	 	
Base Number (BN)	mg KOH/g	9.5	 	
Oxidation (PA)	%	50	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	43	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon		<1.0 6	 	
Sodium	ppm	1073	 	
Potassium	ppm	▲ 45	 	
Polassium	ppm	43	 	
WEAR METALS				
Iron	ppm	4 93	 	
Copper	ppm	10	 	
Lead	ppm	3	 	
Tin	ppm	0	 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm	2	 	
Molybdenum	ppm	50	 	
Nickel	ppm	2	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	<1	 	
ADDITIVES				
Calcium	ppm	1260	 	

ppm Calcium 1260 1029 Magnesium ppm Zinc ppm 1160 1120 Phosphorus ppm Barium ppm 0 🔲 Boron ppm 8

VOLVO Penta

Marine International Diesels Inc. 3600 HACIENDA BLVD UNIT G DAVIE, FL US 33314 Contact: ASHANTI BURKE aburke@midiflorida.com T: (954)761-1086 F: (954)761-1186

Diagnosis

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition.Piston and cylinder wear is indicated. Sodium and/or potassium levels are high. The high sodium (Na) level indicates the possible presence of salt water. The water content is negligible. The BN result indicates that there is suitable alkalinity remaining in the oil.

 Depot:
 VP694356

 Unique No:
 10969658

 Signed:
 Doug Bogart

 Report Date:
 10 Apr 2024

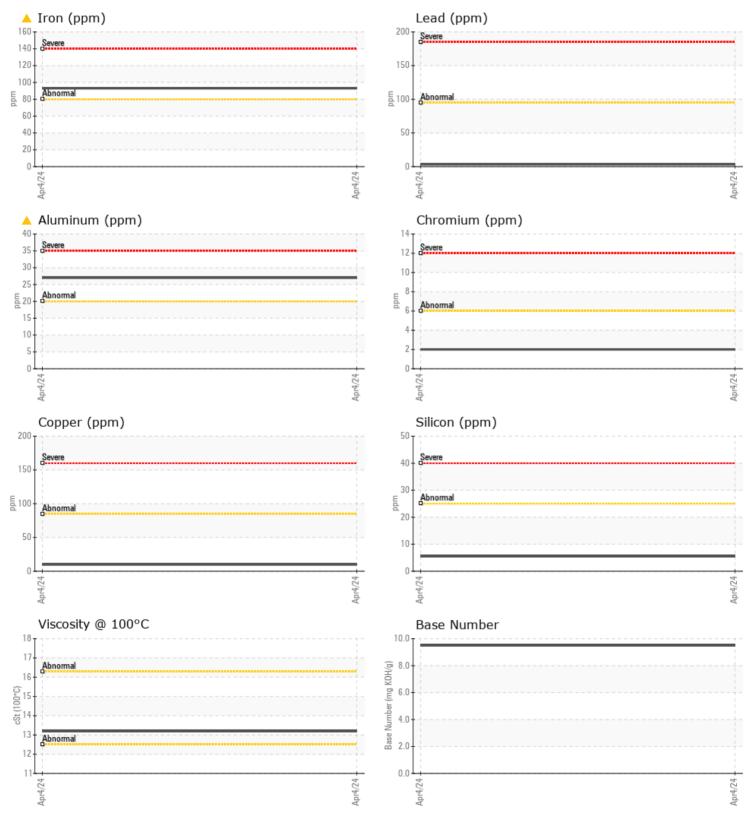
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Contact/Location: ASHANTI BURKE - VP694356

OIL ANALYSIS REPORT



GRAPHS



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