OIL ANALYSIS REPORT

DROVILLARD 505009 ONAN D010232956 - GENSET

Sample No: VPA045974

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION Sample Number VPA045974 Sample Date 18 Apr 2023 Machine Hours 147 14 **Oil Hours** Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.8 Base Number (BN) mg KOH/g 9.7 Oxidation (PA) % 61 CONTAMINATION Soot % % 0.1 % Nitration (PA) 43 Sulfation (PA) % 53 % NEG Glycol Fuel % <1.0 Silicon ppm 6 Sodium 2 ppm Potassium ppm 3

WEAR METALS

Iron	ppm	3	 	
Copper	ppm	3	 	
Lead	ppm	□<1	 	
Tin	ppm	0	 	
Aluminum	ppm	0	 	
Chromium	ppm	0	 	
Molybdenum	ppm	42	 	
Nickel	ppm	■<1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	<1	 	

ADDITIVES

Calcium	ppm	1415	 	
Magnesium	ppm	732	 	
Zinc	ppm	1267	 	
Phosphorus	ppm	1000	 	
Barium	ppm	0	 	
Boron	ppm	71	 	



Jefferson Beach Yacht Sales Inc 24400 Jefferson Ave.

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

Diagnosis

No corrective action is recommended at this time. 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:
 VP297371

 Unique No:
 10577333

 Signed:
 Doug Bogart

 Report Date:
 31 Jul 2023

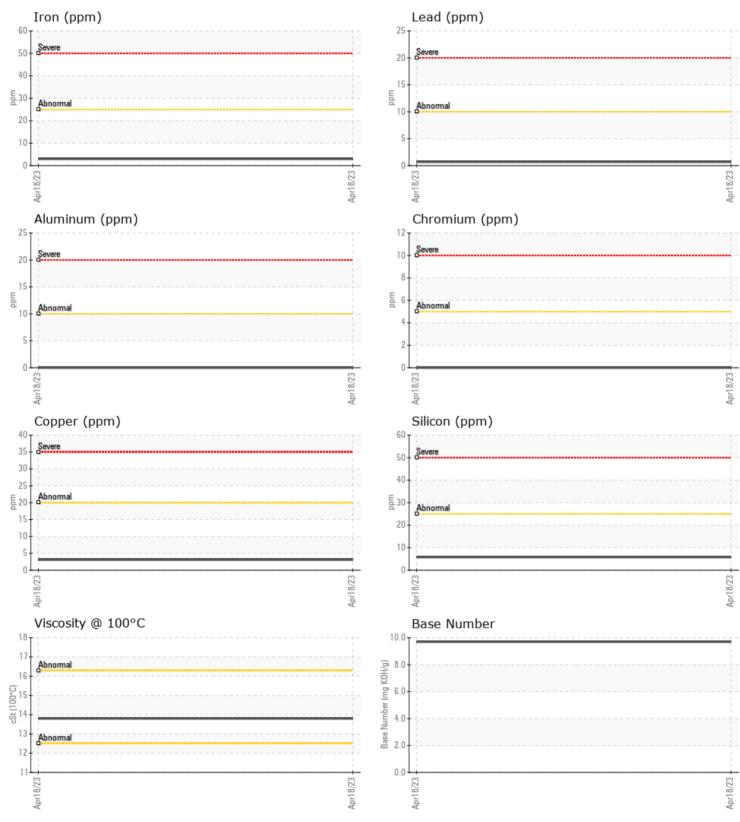
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GRAPHS



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