OIL ANALYSIS REPORT

STEVE COMSTOCK AR 502320 KOHLER 0778769 - GENSET

Sample No: VPA048507

Oil Type: VOLVO 10W40

SAMPLE INFORMATION Sample Number VPA048507 22 Aug 2023 Sample Date Machine Hours 52 0 Oil Hours Oil Changed N/A ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt **9.3** Base Number (BN) mg KOH/g 7.6 Oxidation (PA) % 38 CONTAMINATION % Soot % 0.1 % Nitration (PA) 61 Sulfation (PA) % 51 % NEG Glycol Fuel % **4.4** Silicon ppm 18 Sodium 8 🔲 ppm Potassium 1 ppm

WEAR METALS

Iron	ppm	36	 	
Copper	ppm	29	 	
Lead	ppm	□<1	 	
Tin	ppm		 	
Aluminum	ppm	9	 	
Chromium	ppm	□<1	 	
Molybdenum	ppm	13	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	

ADDITIVES

Calcium	ppm	2179	 	
Magnesium	ppm	23	 	
Zinc	ppm	1261	 	
Phosphorus	ppm	970	 	
Barium	ppm	0	 	
Boron	ppm	7	 	

Endor Marine LLC - Coastal Marine - 152124 4300 11th Ave. NW SEATTLE, WA US 98107 Contact: WILLOW YANARELLA service@coastalmarineengine.com T: (206)784-3703 F: (206)784-8823

Diagnosis

We advise that you check the fuel injection system. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.



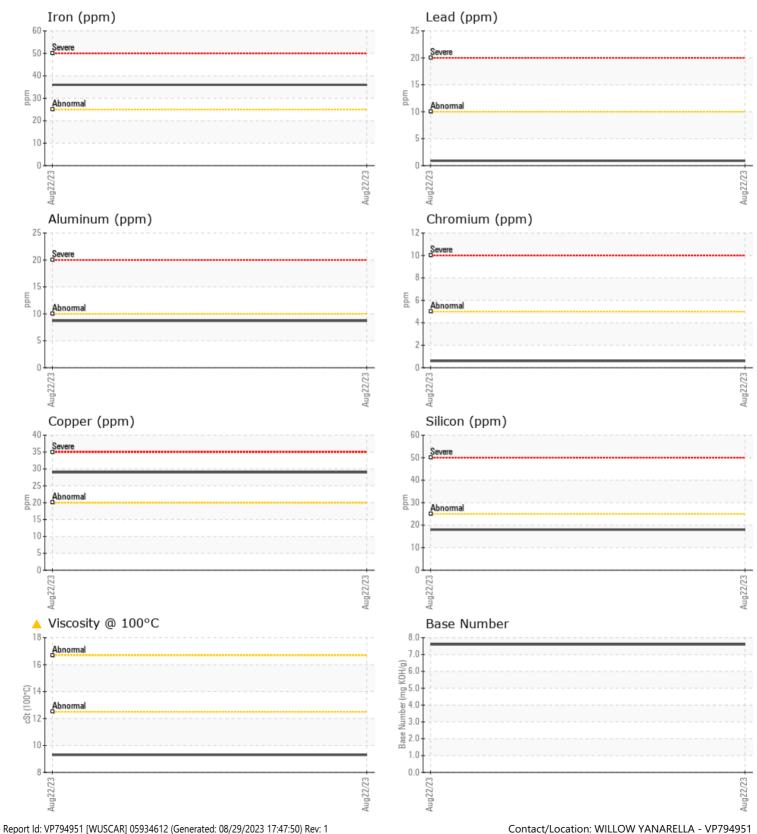
Contact/Location: WILLOW YANARELLA - VP794951



OIL ANALYSIS REPORT



GRAPHS



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