OIL ANALYSIS REPORT

ROBB KENYON DANIEL/502471 CUMMINS G14071549 - GENSET

Sample No: VPA059145

Oil Type: CUMMINS CUMMINS BLUE 2000 15W40

SAMPLE INFORMATION

Sample Number		VPA059145	 	
Sample Date		20 Oct 2023	 	
Machine Hours		329	 	
Oil Hours		0	 	
Oil Changed		Not Changd	 	
Sample Status		ABNORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	12.3	 	
Base Number (BN)	mg KOH/g	9.6	 	
Oxidation (PA)	%	57	 	
CONTAMINATION				
Soot %	%	0.1	 	
Nitration (PA)	%	45	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	2 .7	 	
Silicon	ppm	1 0	 	
Sodium	ppm	4	 	
Potassium	ppm	0	 	

WEAR METALS

Iron	ppm	2	 	
Copper	ppm	1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	66	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	

ADDITIVES

Calcium	ppm	1086	 	
Magnesium	ppm	914	 	
Zinc	ppm	1154	 	
Phosphorus	ppm	788	 	
Barium	ppm	0	 	
Boron	ppm	61	 	

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

No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. Light fuel dilution occurring. The BN result indicates that there is suitable alkalinity remaining in the oil. Fuel is present in the oil and is lowering the viscosity.

 Depot:
 VP794951

 Unique No:
 10711555

 Signed:
 Sean Felton

 Report Date:
 27 Oct 2023

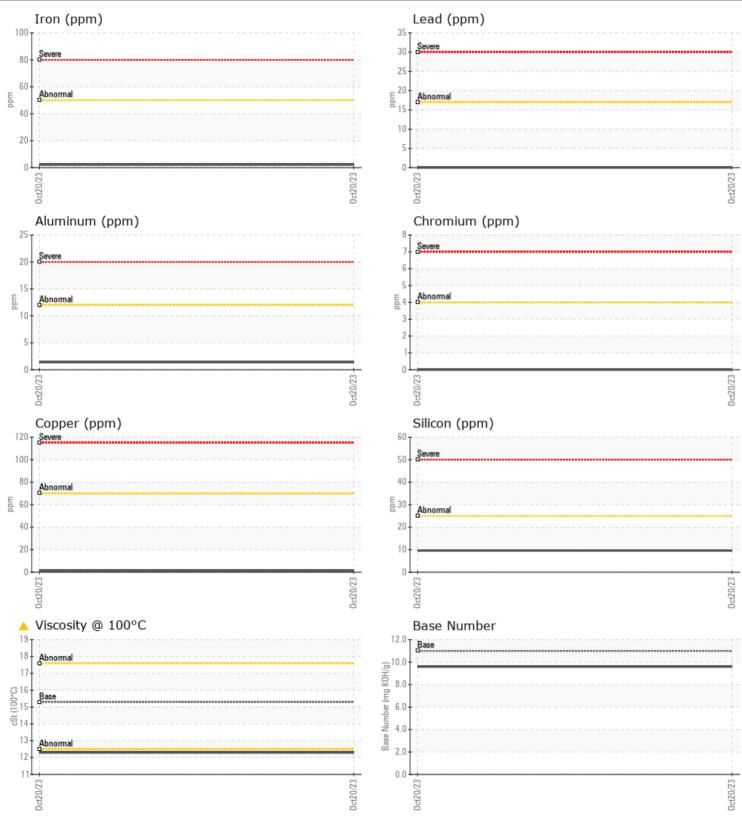
Contact/Location: WILLOW YANARELLA - VP794951



OIL ANALYSIS REPORT



GRAPHS



Report Id: VP794951 [WUSCAR] 05988893 (Generated: 10/27/2023 14:55:02) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951