OIL ANALYSIS REPORT

WAKEFIELD 460-209 CUMMINS/ONAN C220056003 - GENSET

Sample No:VPA059534Oil Type:NOT GIVEN

SAMPLE INFORMATION

JAMPLE INFURMAT				
Sample Number		VPA059534	 	
Sample Date		31 Oct 2023	 	
Machine Hours		171	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
	C:	- 12.4		
Visc @ 100°C	cSt	12.4	 	
Base Number (BN)	mg KOH/g %	■9.5 63	 	
Oxidation (PA)	70	03	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	■0.1	 	
Nitration (PA)	%	60	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	■1.4	 	
Silicon	ppm	23	 	
Sodium	ppm	2	 	
Potassium	ppm	2	 	
WEAR METALS				
Iron	ppm	1 4	 	
Copper	ppm	13	 	
Lead	ppm	 <1	 	
Tin	ppm		 	
Aluminum	ppm	2	 	
Chromium	ppm	<1	 	
Molybdenum	ppm	59	 	
Nickel	ppm	■<1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1667	 	
Magnesium	ppm	610	 	
Zinc	ppm	927	 	
Phosphorus	ppm	761	 	
	PPIII			

Outstanding Marine PO Box 274 GALENA, MD US 21635 Contact: Ronda Bolinger rlwb@verizon.net T.

F:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. Fuel content negligible. 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:
 VP153685

 Unique No:
 10764032

 Signed:
 Jonathan Hester

 Report Date:
 06 Dec 2023

ppm

ppm

Barium

Boron

8

48

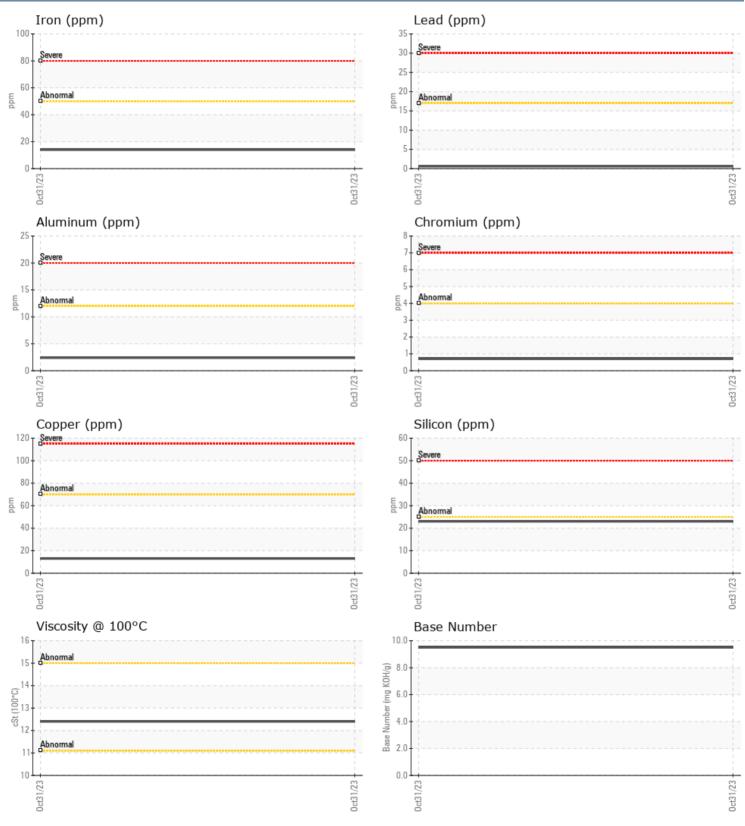
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GRAPHS



Report Id: VP153685 [WUSCAR] 06019532 (Generated: 12/07/2023 07:05:13) Rev: 1

Contact/Location: Ronda Bolinger - VP153685