OIL ANALYSIS REPORT

B170157805 - GENSET

Sample No: VPA056517

Oil Type: DIESEL ENGINE OIL SAE 15W40

Sample Number		VPA056517	 	
Sample Date		22 May 2023	 	
Machine Hours		253	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	14.3	 	
Base Number (BN)	mg KOH/g	8.2	 	
Oxidation (PA)	%	69	 	
CONTAMINATION				
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	57	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	3	 	
Potassium	ppm	8	 	
WEAR METALS				
Iron	ppm	7	 	
Copper	ppm	3	 	
Lead	ppm	0	 	
Tin	ppm	■ <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	∎1	 	
Nickel	ppm	0	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	2101	 	
Magnesium	ppm	20	 	
Zinc	ppm	1181	 	
Phosphorus	ppm	982	 	
Barium	ppm	0	 	
Boron	ppm	202	 	



ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2 NAPLES, FL US 34104 Contact: KEITH SPICER keith_advanceddiesel@yahoo.com T: (239)580-8731 F:

Diagnosis

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 acceptable for the time in service.

 Depot:
 VPADVNAP

 Unique No:
 10485199

 Signed:
 Sean Felton

 Report Date:
 25 May 2023

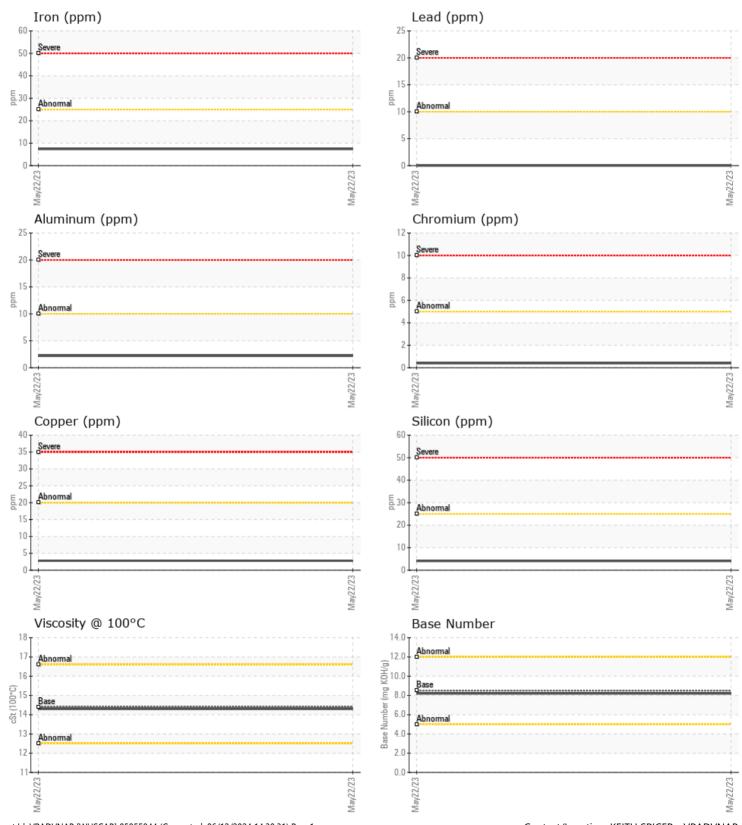
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Contact/Location: KEITH SPICER - VPADVNAP

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GRAPHS



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Contact/Location: KEITH SPICER - VPADVNAP