OIL ANALYSIS REPORT

SGM32669N - GENSET

Sample No: VPA056311

Oil Type: SHELL ROTELLA T 15W40

Sample Number		VPA056311	VPA056149	
Sample Date		11 Aug 2023	03 Jul 2023	
Machine Hours		1567	1100	
Oil Hours		0	0	
Oil Changed		N/A	N/A	
Sample Status		NORMAL	NORMAL	
OIL CONDITION				
Visc @ 100°C	cSt	13.9	14.0	
Base Number (BN)	mg KOH/g	7.5	7.2	
Oxidation (PA)	%	56	54	
CONTAMINATION				
Soot %	%	0.1	0.1	
Nitration (PA)	%	68	68	
Sulfation (PA)	%	50	48	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	6	6	
Sodium	ppm	0	0	
Potassium	ppm	∎1	2	
WEAR METALS				
Iron	ppm	5	5	
Copper	ppm	■ <1	 <1	
Lead	ppm	■ <1	 < 1	
Tin	ppm	0	0	
Aluminum	ppm	2	2	
Chromium	ppm	0	0	
Molybdenum	ppm	90	85	
Nickel	ppm	0	 <1	
Titanium	ppm	0	0	
Silver	ppm	□ <1	 <1	
Manganese	ppm	0	0	
Vanadium	ppm	0	0	
ADDITIVES				
Calcium	ppm	2131	2012	
Magnesium	ppm	178	168	
Zinc	ppm	1255	1207	
Phosphorus	ppm	1072	1025	
Barium	ppm	2	0	
Boron	ppm	60	60	



ADVANCED DIESEL

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

 Unique No:
 10603040

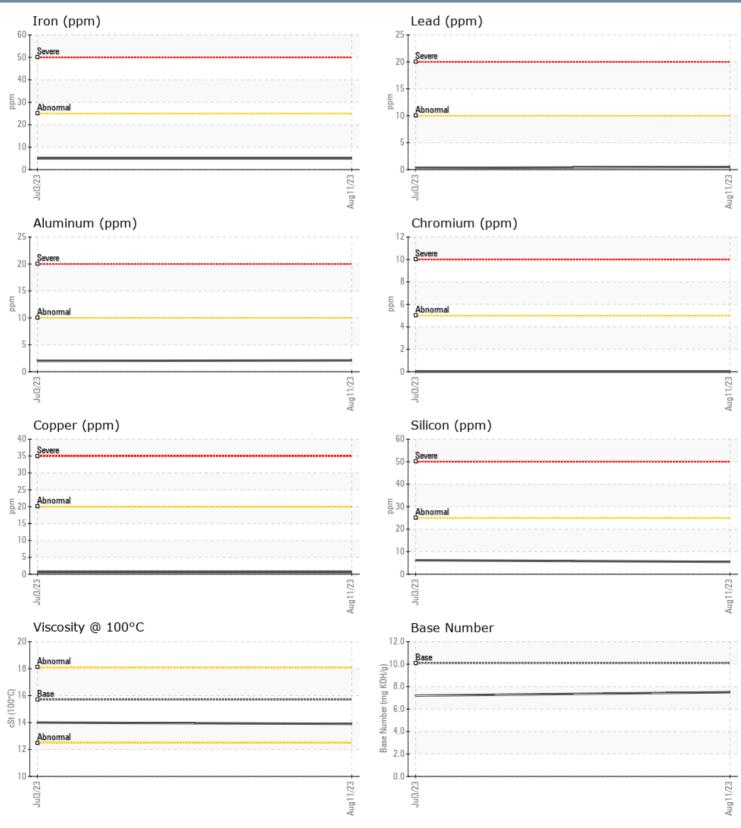
 Signed:
 Doug Bogart

 Report Date:
 14 Aug 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VPADVNAP [WUSCAR] 05923093 (Generated: 08/14/2023 16:11:18) Rev: 1

Contact/Location: KEITH SPICER - VPADVNAP